

University of Northern Iowa

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UNI Schedule of Classes

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Summer 1984

## UNI Schedule of Classes, Summer 1984

University of Northern Iowa

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**1984 Summer Session**  
**University of Northern Iowa**

**8-Week Session: June 4-July 27**

**4-Week Sessions: June 4-June 29 and July 2-July 27**

**University of Northern Iowa Bulletin**







# Summer 1984

## University of Northern Iowa Cedar Falls, Iowa 50614

General university information .... (319) 273-2311  
Undergraduate admissions ..... 273-2281  
Graduate admissions ..... 273-2623  
Scheduling and registration procedures .. 273-2110

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## Schedule of Classes

**Classes begin Tuesday, June 5, 1984.**

### Notice

**Students, faculty, and staff are urged to read the information contained on pages 22 through 30. These pages contain information important to students throughout the summer session.**

**Students should keep the copy of the Schedule Book so it will be readily available for reference during the summer session.**

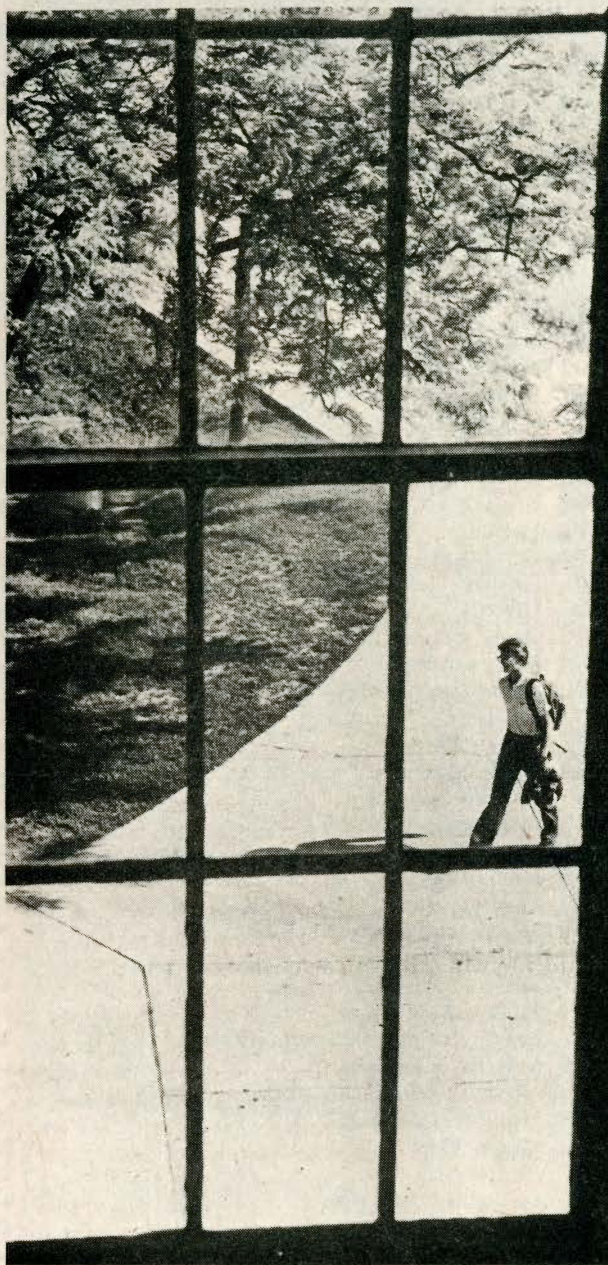
**Students should retain the copy of the schedule of classes for which they register.**

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# Summer Calendar



## Class Scheduling

Summer session class periods are 60 minutes each with 10-minute intervals between periods. Morning classes begin at 7:30, and afternoon classes at 1 o'clock. No classes will be held on Wednesday, July 4.

## Summer Office Hours

University offices are open from 7:30 a.m. to 4:30 p.m., Monday through Friday, during the summer. Offices will be closed for Independence Day on Wednesday, July 4.

## Regular Sessions

8-Week Session ..... June 4-July 27  
 First 4-Week Session ..... June 4-June 29  
 Second 4-Week Session ..... July 2-July 27  
 Registration, 7:30 a.m.-4 p.m. — June 4, Monday  
 Classes begin, 7:30 a.m. — June 5, Tuesday  
 Legal Holiday — no classes — July 4, Wednesday  
 End of Regular Summer Sessions, 4:30 p.m. —  
 July 27, Friday  
 Commencement, 7:30 p.m. — July 27, Friday

## Special Programs

Iowa Lakeside Laboratory:

First Session ..... June 11-July 13  
 Second Session ..... July 16-Aug. 17

## Institutes and Tours Abroad

Study Tour — Scandinavia ..... May 10-May 31  
 Regents' French Study Program  
 Abroad ..... June 1-July 20  
 Regents' Hispanic Institute  
 Abroad ..... June 9-Aug. 4  
 Regents' German Study Program  
 Abroad ..... June 11-Aug. 6  
 Summer Institute in France for  
 Teachers of French ..... June 16-Aug. 4  
 Summer Institute in Austria for  
 Teachers of German ..... June 29-Aug. 16  
 Summer Institute in Spain for  
 Teachers of Spanish ..... June 21-Aug. 15

## On-Campus Programs

UNI Repertory Theatre ..... June 1-July 28  
 Culture and Intensive English  
 Program ..... June 4-July 27  
 Iowa Coaching Endorsement  
 Program ..... June 4-July 27

**A separate brochure listing workshops and short courses will be available upon request.**

*(Every effort has been made to make this bulletin accurate as of the date of publication; however, all policies, procedures, fees and charges are subject to change at any time by appropriate action of the faculty, the university administration, or the State Board of Regents.)*

## Further Information

For further information write to:  
 Registrar  
 University of Northern Iowa  
 Cedar Falls, Iowa 50614



# University of Northern Iowa

## 1984 Summer Program

The University of Northern Iowa is recognized as one of the nation's leading institutions in the field of education and includes in its broad offerings degree programs in both liberal and vocational arts as well as research and educational services. Five baccalaureate degrees are offered by UNI: the traditional Bachelor of Arts, Bachelor of Technology, Bachelor of Fine Arts, and Bachelor of Music - degrees, and the non-traditional Bachelor of Liberal Studies. The B.A. and B. Tech. degrees are available in programs with certification to teach and in programs without certification. The Bachelor of Music also offers one program with certification to teach. Undergraduate degree curricula are available in approximately 60 areas of specialization. On the graduate level, the university offers eight degrees: the Master of Arts, the Master of Arts in Education, the Master of Business Administration, the Master of Music, the Specialist, the Specialist in Education, the Doctor of Industrial Technology, and the Doctor of Education.

Summer sessions at UNI are designed to provide a variety of educational opportunities. Advanced and specialized study is offered in many fields giving a student the opportunity to enrich his or her knowledge in a particular field, and some course work offered is especially suited to the summer season as it could not be offered as effectively at another time of the year. Students wishing to accelerate their academic programs or to make up course deficiencies will find a wide variety of courses available. Elementary and secondary school teachers have an opportunity to renew professional certificates, to qualify for advanced certificates, or to prepare for teaching additional subject areas as well as to update competence in a specific academic area.

In the summer of 1984, the University of Northern Iowa will offer the traditional 8-week summer session, two consecutive 4-week sessions during the same weeks as the 8-week session, as well as several 2- or 3-week sessions. In addition, a variety of study tours, institutes, and workshops will be held both on campus and abroad.

Complete details for summer registration and classes are given begin on page 22 of this bulletin. General information on registration and admission precedes the listing of the courses which will be offered during the 1984 summer session and the schedule of these classes. The statement of fees for the summer session and related information is also printed in this section. The last day of registration for the 1984 summer session and the first 4-week session is Monday, June 4. On-campus classes begin on Tuesday, June 5, for the 8-week session and the first 4-week session; classes for the

second 4-week session begin on Monday, July 2. New students will be receiving registration information by way of mail from Academic Advising Services.

Courses will be available during the 8-week session in most undergraduate and graduate majors as well as many General Education courses. Courses in the Common Professional Sequence will be offered in both the 4- and 8-week sessions. The 4-week sessions will make available courses which are especially adaptable to concentrated work and study and some of these courses may be taken concurrently with work on the 8-week session. All categories of courses are indicated in the schedule of classes listed in this bulletin. Special provisional programs are offered for new freshman who may be advised or required by the Director of Admissions to begin their university studies during the summer session as a condition for admission.

**Students** graduating from high school in the spring of 1984 are invited to consider the special advantages of beginning their college studies in the UNI summer session. Along with the excellent range of freshman courses available, the campus is less crowded and there is a special warmth of informality and friendliness in summer school. Most important, freshmen who enter the university in the summer can make an easy transition from high school to college and be well established as continuing students when the fall semester begins.

The **graduate** program provides an extensive array of offerings during the summer session. It is possible to complete most graduate degree programs entirely by summer sessions. A rich and varied program of special events helps make the summer session particularly attractive to graduate students.

**Transfer students** find it advantageous to make the transition to UNI during the summer sessions, and both sessions have a variety of courses available to these students. UNI is also a convenient place for **transient students** to take work in the summer and special arrangements are made for these students. Non-credit programs held throughout the summer for high school students are described on page 7.

Particular efforts are made in the summer session to provide for the needs of **teachers** who will be returning to the campus for further work in their teaching specialties, to complete requirements for advanced degrees, and to renew their teaching credentials. **Experienced teachers** working toward the completion of the bachelor's degree will find the summer session geared to their special needs.



Upper-level undergraduate courses are available in subject-matter areas and in professional education, and the variety is sufficient to meet individual needs. Of special interest to teachers are the many workshops offered for credit throughout the summer.

The Lakeside Laboratory at Lake Okoboji, operated in cooperation with Iowa State University and the University of Iowa, will offer two sessions of five weeks each. Information concerning this program may be obtained from the UNI Department of Biology. Special institutes and workshops will be conducted as in previous summers.

The regular staff of the university is supplemented by a number of visiting instructors coming from various parts of the nation and from abroad. Visiting lecturers of national and international reputation are engaged to present topics of both general and special interest. All of this serves to make the UNI campus a live and vital center of learning, a truly stimulating place to spend the summer.

The University of Northern Iowa was created by an act of Iowa's Sixteenth General Assembly as the Iowa State Normal School which opened on September 6, 1876. UNI has grown from the original site of 40 acres with one building until it now has a campus of approximately 721 acres with 56 principal buildings and some 600 faculty members. The university is located in Cedar Falls, north and east of the geographic center of Iowa on the Cedar River and in the center of Iowa's interest and recreation areas. Together with the University of Iowa and Iowa State University of Science and Technology, UNI is governed by the State Board of Regents.

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### **Academic Standing of the University**

The University of Northern Iowa is accredited through the master's degrees, the specialist's degrees, and doctoral degrees in Industrial Technology (DIT) and several areas in Education (Ed.D), by the North Central Association of Colleges and Secondary Schools (NCA). The university is also accredited by the National Council for Accreditation of Teacher Education (NCATE). The university is a member of the Council of Graduate Schools in the United States and the American Association of Colleges for Teacher Education (AACTE). The university's programs are accredited by the following professional accrediting agencies: the National Association of Schools of Music, the National Association of Schools of Art, the National Council of Social Work Education, the American Speech-Language-Hearing Association, and the American Home Economics Association. Programs are also approved by the Iowa State Department of Public Instruction, the National University Extension Association, and the American Chemical Society. In addition, the University Museum is accredited by the American Association of Museums.

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### **Nondiscrimination Policy of the University of Northern Iowa**

The University of Northern Iowa has adopted a policy and practice of nondiscrimination and affirmative action in employment and educational opportunities in accordance with public policy and law, including Executive Orders #11246 and #11375, Revised Order #4, Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the Vietnam Era Veterans' Readjustment Act of 1974, and other relevant legislation and state and federal executive orders.

The university is committed to a policy of equal opportunity without regard to race, religion, national origin, age, sex, or handicaps, and to a policy of affirmative action for protected classes.

This policy must be implemented throughout the university and is the responsibility of all employees of the university, including both supervisory and nonsupervisory personnel. It involves all students and student activities.

The University of Northern Iowa upholds its long-standing commitment to providing equal accessibility to programs and facilities for all segments of society — this includes all protected classes, including the handicapped. In the last several years the university has reviewed its entire program for its accessibility to qualified persons and is prepared to make any necessary adjustments to assure equal accessibility for the handicapped to all university programs.

In an endeavor to achieve these goals, university buildings and grounds have been modified to be accessible to people with physical handicaps. Further, requests for reasonable modifications which are requested to accommodate the needs of any individual student may be made to the Affirmative Action Officer, Room 203, Gilchrist Hall (Ext. 2846). It is the intention and desire of the university to make every effort to provide such modification on a timely basis.



# Special Programs

## **Lakeside Laboratory Lake West Okoboji, Milford, Iowa**

The Iowa Lakeside Laboratory is operated jointly by the University of Northern Iowa, the University of Iowa, and Iowa State University for the field study of biology. Twelve courses taught by some of the area's leading field biologists are offered.

*First Session ..... June 11-July 13*  
*Second Session ..... July 16-Aug. 17*

The Laboratory is open to both undergraduate and graduate students upon approval of the instructors of the courses desired. Five (5) semester hours of credit may be earned in each of the two sessions. A number of Macbride Scholarships are available to UNI students; inquiries are invited.

A special bulletin listing the courses offered and instructors can be obtained by contacting the *Department of Biology, University of Northern Iowa, Cedar Falls, Iowa 50614.*

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## **Study Tour — Scandinavia**

A three-week tour of Denmark, Norway, and Sweden, from May 10 to May 31, 1984, which focuses on their social systems and services. There will be lectures and visits concerning health care, education, crime and corrections, community planning, and programs for special populations. Some site seeing will be included. Departure from Cedar Falls is on May 10 and return on May 31. The fee for the trip is approximately \$1500 plus tuition. This fee covers all transportation, housing, two meals most days, and all entrance and lecture fees associated with the tour. Participants can stay over in Europe for an additional charge. Undergraduate or graduate credit — 3 semester hours — is available (90:199g or 98:199g).

For further information, call or write to *Dr. Gene M. Lutz or Dr. Clemens Bartollas, Department of Sociology and Anthropology, University of Northern Iowa, Cedar Falls, Iowa 50614.*

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## **Regents' French Study Program Abroad**

A 7-week program in French sponsored jointly by the three Regents universities (Iowa State University, the University of Iowa, and the University of Northern Iowa) will be held in France from June 1 to July 20, 1984. Students will have the opportunity to improve their knowledge of the French language and culture at an accelerated pace, and in a congenial and authentic atmosphere, which includes living with French families in Lyon for seven weeks, classes taught by professors from the Universities in Lyon, weekend trips and visits to places of cultural interest outside of the Lyon area, and free time for travel and independent study.

The program is open to both undergraduate and graduate students; 8 semester hours of credit will be granted (9 hours with an independent study project). Cost is approximately \$1,650 for Iowa residents, excluding flight costs.

For further information, contact *Jacques Dubois, UNI Representative for the Regents' French Study Program Abroad, Department of Modern Languages, UNI.*

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## **Regents' Hispanic Institute Abroad**

An 8-week Spanish program sponsored jointly by the three Regents universities (Iowa State University, the University of Iowa, and the University of Northern Iowa) will be held in Spain during the summer of 1984. Tentative dates are June 9 to August 4.

The program will begin with two days of sight-seeing in Madrid and then a tour through southern Spain, ending in the northern city of Burgos. This picturesque and historic Castilian city will be the site of the program course work as well as the point of departure for excursions to nearby places of interest. During the stay in Burgos, students will live with Spanish families while taking three courses (for a total of nine semester hours of credit). Once course work is finished, participants will have a week of independent residence to follow their own personal curiosities and interests.

The institute is open to students of Spanish. Cost is \$1,800, including tuition, room and board in Burgos and on group excursions (i.e., hotel, meals, and transportation). Cost of transportation to and from Europe is not included.

For further information, contact *George K. Zucker, Department of Modern Languages, University of Northern Iowa, by mail or telephone (319-273-3897).*

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## **Regents' German Study Program Abroad**

The 8-week, German program sponsored jointly by the three Regents universities (Iowa State University, the University of Iowa, and the University of Northern Iowa), will be held in Austria and Germany from June 11 to August 6, 1984. There will be two sessions of instruction on three levels: intermediate, advanced, and very advanced, with a week of independent travel between the sessions. Open to undergraduate and graduate students; 10 semester hours of credit. Cost is approximately \$1,860 (not including transportation).

For further information, contact *Jurgen Koppensteiner, Director, Regents' German Study Program Abroad, Department of Modern Languages, UNI.*



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### **Summer Institute in France for Teachers of French**

A 7-week French Institute will be held in Angers, France, from June 16 to August 4, 1984. The institute program provides for 8 semester hours of credit and is designed for teachers who need intensive training in understanding and speaking French and would like to live among the French people to make personal contacts with French families in a French community rather than simply to see France as a tourist. Each participant will study and live with a French family in Angers for five weeks. The two-week study tour will take place in Bretagne.

For further information, contact *Andre Walther, Director, French Summer Institute, Department of Modern Languages, UNI.*

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### **Summer Institute in Austria for Teachers of German**

A 7-week German Institute will be held in Austria from June 29 to August 16, 1984. The institute is designed for those teachers who need extensive training in understanding and speaking German and do not wish to see Austria as tourists but who would like to live among the Austrian people and make personal contacts with Austrian families during the time of their stay in Klagenfurt.

The institute program will provide 8-9 semester hours of credit. Staff from the University of Northern Iowa and the Klagenfurt Teachers' College will be responsible for all instruction and class work.

For further information, contact *Karl Odwarka, Director, Summer Institute in Austria, Department of Modern Languages, UNI.*

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### **Summer Institute in Spain for Teachers of Spanish**

An 8-week Spanish Institute will be held in Soria, Spain, from June 21 to August 15, 1984. The institute program provides 9 semester hours of credit, and is designed for primary and secondary teachers of Spanish who want intensive training in oral skills and who would like to make personal contacts with the Spanish people.

Each participant will live with a Spanish family in Soria for approximately six weeks while studying formal courses. A 2-week study tour of areas of historical and cultural interest will follow the formal course work, including time to get to know Madrid.

For further information, contact *Adolfo Franco, Director, Spanish Summer Institute, Department of Modern Languages, UNI.*

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### **Repertory Theatre**

Theatre UNI and UNI Lyric Theatre will offer the fifteenth, on-campus Repertory Theatre Workshop (50:133g) from June 1 to July 28, 1984. The Theatre program provides three to six (3 to 6) semester hours of either undergraduate or graduate credit, and is designed for actors, singers, dancers, technicians, and costumers. Eighteen performances of three productions will be presented for the public between June 21 and July 28.

The production company will include actors, technicians, costume assistants, and apprentices. Grants-in-aid are available. Applicants must meet the usual undergraduate or graduate requirements for enrollment in the university. Applications should be made by March 1. Auditions will be held on Saturday, March 3, from 10 a.m. to 2 p.m. in the Strayer-Wood Theatre.

For further information and application, write to *Jay Edelnant, Director of Theatre, UNI, Cedar Falls, Iowa 50614.*

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### **Culture and Intensive English Program**

The TESOL/Linguistics Section of the Department of English Language and Literature is offering an 8-week program in American culture and intensive English for non-native English speakers. The program includes a course of instruction emphasizing communicative control of spoken and written English for non-native speakers. It is designed primarily for non-native speakers of English who have attained an intermediate level of English proficiency. All persons who have graduated from a secondary school, or the equivalent, may apply. Students are expected to have a minimal English proficiency of 380 on the TOEFL examination, or its equivalent.

The program will be conducted from June 4 to July 27 and will include six hours of classroom instruction and out-of-class activities each day during that period. A *Certificate of Completion* will be awarded to those students who complete the program.

For further information about the program, tuition, and room and board, contact the *Director, Culture and Intensive English Program, Department of English Language and Literature, 115 Baker, University of Northern Iowa, Cedar Falls, Iowa 50614.*



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## **Iowa Coaching Endorsement Program**

The School of Health, Physical Education, and Recreation will offer courses during the 1984 Summer Session for those teachers desiring to satisfy coaching endorsement requirements. Two to nine (2 to 9) semester hours of graduate credit may be earned. Classes will be available on both the 8-week and 4-week sessions. Teachers may satisfy two of the four Department of Public Instruction competency areas in each 4-week session.

For further information, write to *Willam R. Thrall, Director of the School of Health, Physical Education, and Recreation, UNI.*

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## **Leisure Service Field Experience**

This 3-semester hour course (43:159g) is designed for students in the human service fields to develop further their personal professional skills. Minimum requisite to the course is full-time, 8-week employment in a leisure service agency which provides recreational experiences. Students are responsible for securing their own employment (paid or voluntary).

Each student will chronicle her or his professional growth in relation to leisure service experiences, select a related topic that has research potential and develop a conceptual scheme for its development, and (with agency approval) design, implement and evaluate one project. This course will provide a strong field experience for students aspiring to serve within fields such as community recreation, therapeutic recreation, adapted physical education, special education, physical therapy, nursing, rehabilitation counseling, and camping.

For further information, contact *Carole J. Hanson, Division of Recreation, School of Health, Physical Education, and Recreation, UNI.*

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## **On-Campus Workshops**

A number of UNI departments will be conducting 2- and 3-week workshops during the 1984 summer session, and detailed information on these programs will be given in the *Workshops and Special Programs Bulletin* available early in March (or by writing to the respective departments). Among these workshops will be programs from the following departments:

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### **Department of Communication and Theatre Arts**

Teaching for High School Contests — Individual Events and Debate (50:133g, 1-3 semester hours, graduate credit). June 18-29 or July 9-21 for the debate (two hours can be earned) and June 4-8 for individual events (one hour can be earned).

The debate course is held in conjunction with a high school workshop on the 1983-84 topic, and includes opportunity to hear all lectures on theory

and the topic held in that workshop. **No other course may be taken at the same time.** The individual events course is held during the first week of summer term and may not be taken at the same time as any other course during that week.

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## **School of Health, Physical Education and Recreation**

Health Risk Appraisal (41:133g, Sec. 5, 1 semester hour credit), June 4, 6, 11, and 13.

High-Level Wellness (41:133g, Sec. 3, 2 semester hours credit), June 18-29.

Cross Country Coaching Theory (42:133g, Sec. 2, 1 semester hour credit), June 16-17.

Football Offensive Line Play (42:133g, Sec. 7, 1 semester hour credit), June 9-10.

Football Single Wing Offense (42:133g, Sec. 9, 1 semester hour credit), June 23-24.

National Golf Foundation Teacher/Coach Workshop (42:133g, Sec. 10, 1 semester hour credit), June 18-22.

Physical Education Curriculum: Design/Development (42:133g, Sec. 8, 2 semester hours credit), June 18-29.

Psychology of Coaching (42:133g, Sec. 4, 2 semester hours credit), June 4-15.

Volleyball Coaching Theory (42:133g, Sec. 1, 1 semester hour credit), June 4-8.

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## **Non-Credit Summer Programs**

Throughout the summer a number of non-credit programs are held on the UNI campus. Those scheduled for the 1984 summer session are listed below. For specific information, please write to the Dean, University Continuing Education and Special Programs, UNI. Dates for programs include:

### **Hawkeye Girls State — June 2-9**

This program is held on the UNI campus under the sponsorship of the Iowa American Legion Auxiliary.

### **High School Forensics Workshops**

Individual Events Workshop — June 4-8

Debate Workshops (for students and coaches) — June 18-29 and July 9-21

For information, contact Bill Henderson, Director of Forensics, Communication and Theatre Arts, UNI.

### **Eighteenth Annual International Cheerleading Foundation Clinic — July 22-25**

### **Elderhostel '84 — July 8-14**

### **Institute of Professional Photography — June 24-29**

### **National Hairdressers and Cosmetologists**

**Association of Iowa: Professional Workshop — June 9-12**



# General Information

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The University of Northern Iowa has available for its summer students a wide variety of facilities, services, and activities for educational enrichment beyond the academic work in the classroom, and for assisting the summer student in "everyday" living at UNI. Some of these are described in this section.

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## Student Services

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### Residence Halls

**(Students attending an institute or workshop should request applications from the director of the institute or workshop in which they are enrolled.)**

During the 1984 summer session Towers Complex will be used for housing undergraduate and graduate students. Sections of the Towers Complex will also be used for short-term workshop participants.

Former students who desire a residence hall room and who are not living on campus during the spring semester should contact the Department of Residence, Redeker Center, UNI, for a housing card **(this reservation should be made at an early date)**. Students on campus during the spring semester who desire summer housing should contact their hall coordinator.

Housing for new students is contingent upon their admission to the university. A housing card will be sent to the new student by the Admissions Office with the notification of admission to the university.

Summer 1984 room and board rates for the 8-week session or two 4-week sessions are \$425.00 for full board, double occupancy, and \$525.00 for full board, single occupancy. Room and board rates for students registered for only one 4-week session are \$212.50 for full board, double occupancy, and \$262.50 for full board, single occupancy. A no-weekend board plan is also being offered with rates as follows: \$410.00 for no-weekend, double occupancy for 8 weeks and \$510.00 for no-weekend, single occupancy. Rates for only one 4-week session are \$205.00 for no-weekend, double occupancy, and \$255.00 for no-weekend, single occupancy. Information on room and board rates for students attending an institute workshop should be requested directly from the director of the institute workshop in which the student wishes to enroll.

### Family Housing

Family housing on campus is available during the summer session and information on this kind of housing may be obtained at the Family Housing Office, 3900 Jennings Drive, Hillside Courts, Cedar Falls, Iowa 50613. Applications should be filed well in advance of the session for which housing is desired.

All housing for new students is contingent upon their acceptance of admission to the university. New students should contact the Family Housing Office at an early date if family housing is desired.

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### Food Service

All students enrolled during the 8-week session and living in university residence halls will eat their meals in the Towers Dining Center.

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### Academic Advising Services

**Advising Program** — General advisers are available in the Academic Advising Office to assist students in understanding academic requirements and help them in selecting their academic programs. Faculty advisers will be available to assist students in planning summer session schedules. Each student will be assigned to a faculty adviser who teaches in the area of the student's proposed major.

**Examination Services** — National Standardized Examinations are offered through Examination Services for graduate and undergraduate students. Examination information concerning registration, examination preparation, score interpretation, and evaluation is available to students and faculty through the Office of Academic Advising.

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### Counseling Services

Professional counselors are available in the Student Counseling Center to assist students on an individual or group basis with personal or educational concerns. The Student Counseling Center is located on 23rd Street next to the Education Center. For more information or an appointment, call (319) 273-2676.

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### Career Services

Students may browse freely through up-to-date information on career options, employment market trends, or graduate school alternatives. Opportunities are available for participation in group sessions on career planning, and individual counseling is possible for students wanting personal assistance in exploring or implementing career-related decisions. For more information call (319) 273-2676.





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### **Handicapped Student Services**

This office is designed to work with disabled students in a manner which both meets their unique needs and teaches independence. HSS aims at adapting university services, programs, and facilities so that disabled students may participate in a fully integrated way. Services are individualized as needed with the goal of enhancing the overall academic, career, and personal development of students. We are located in the Counseling Center and can be reached at 273-2676.

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### **Student Health Services**

The Student Health Center provides medical care for all currently enrolled students. The spouse of a student is also eligible for medical services upon payment of the optional Student Activity Fee at the Business Office in Gilchrist Hall.

The Student Health Center facility includes an out-patient clinic, laboratory, X-ray, and pharmacy. A nominal charge is made for these services. All services are provided by well-qualified staff of physicians, nurses, pharmacist, technicians, and administrative personnel. The medical services include advice and treatment for current illnesses, preventive medicine, as well as mental and physical health care. Although major surgery and dental

services are not available, the staff will furnish supervision and aid in obtaining these services when needed.

It is recommended that all students have current immunization. In some cases of illness it may be necessary to have a complete medical history and physical examination before treatment can be carried out. If necessary, the examination can be completed in the Health Center.

During the summer session the Health Center is open from 8 a.m. to 4 p.m., Monday through Friday, excluding holidays.

The Health Center is located on the north side of the campus on 23rd Street. It is across the street from Bender and Dancer residence halls, west of Lawther Hall and next door (north) to the Education Center.

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### **Financial Assistance**

The Financial Aids and Student Employment Office provides summer assistance in the form of scholarships (Student Aid Scholarships), loans (NDSL and GSL), grants (SEOG), and part-time employment (Work-Study and departmental). Financial aid awards are usually a combination of these sources put together to make up a financial aid package. Summer financial aid is conditioned on the availability of funds.

The Financial Aids Office utilizes the Financial Aid Form (FAF) of the College Scholarship Service as the needs analysis document for all programs for all categories of students. Students must be officially admitted to the university before any financial aid offer will be made. Financial Aid Forms and Guaranteed Student Loan applications can be secured from the Financial Aids and Student Employment Office.

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### **Traffic Regulations**

University traffic regulations are in force during the summer session. Campus parking is by permit only and is restricted to the areas designated on the permit.

Every vehicle used on the campus by faculty, staff, or students must be registered with the University Security Office and must display a registration sticker. The vehicle registration fee for students attending the summer session is \$3.50 for C permits and \$6 for B permits. Vehicles registered in the previous academic year need not be registered. Individuals enrolled only in a short-term workshop (one week or less) may obtain temporary parking permits at \$1 per week.

A copy of the UNI Motor Vehicle and Bicycle Regulations may be obtained from the University Security Office, Room 104, Gilchrist Hall.



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# University Facilities and Services

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## The University Library

The UNI Library is located near the center of the campus in an air-conditioned building with seating capacity for about 1,600 persons and shelving for more than 700,000 volumes. An "open stacks" policy makes material readily accessible, and the Library is open to faculty, students, and staff about 85 hours per week during the summer session. The Library staff includes 54 full-time persons and approximately 120 part-time persons, most of whom are student assistants who each work 10-15 hours per week.

As of July 1, 1983, there were 583,752 volumes in the Library's book collections, including 18,032 volumes in a carefully selected reference collection and 94,731 bound periodical volumes. The Library has current subscriptions to 2,644 periodicals and 66 newspapers, with extensive back files of many periodicals and newspapers. There is a rapidly growing collection of microforms (17,550 reels of microfilm, 12,855 microcards, and 413,574 microfiche). The Library's map collection has 28,425 items and in Art and Music there is a collection of 8,110 sound recordings. The UNI Library is a selective depository for United States government publications and adds several thousand items each year to a collection that had 187,830 items as of July 1, 1983. Of special interest to teachers and prospective teachers is a youth collection which has 15,932 volumes, a representative collection of the kinds of books found in elementary and secondary school libraries.

Special areas in the library building are Art and Music, Documents and Maps, the Youth Collection, Special Collections, the Career Collection, and the Room for the Blind. There are several lounge areas, typing rooms with coin-operated typewriters, group studies, and faculty studies. The Library provides facilities and equipment for listening to or viewing of disc recordings, audio and video cassettes, slides, and sound filmstrips.

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## Gallery of Art

The Gallery of Art will close until mid-1985 during the construction of a new Department of Art building on campus.

When the final phase of the Communication Arts Center is dedicated the entire Department of Art will be under one roof for the first time. Included in the plans for this new structure is a Gallery of Art facility dedicated to the proper care of the UNI Permanent Collection and the secure display of art works to their best advantage. With the renewal of Gallery programs in 1985 the Gallery will again offer assorted programs designed to enrich the cultural life of northeast Iowa and the university community.



Since 1978 the Gallery of Art of the Department of Art has continually presented professional exhibitions of national and international importance. The Gallery maintains UNI's excellent Permanent Collection of Art which emphasizes 20th Century American and European art. A portion of this collection is on view in the UNI Library at all times, including during the construction period. All Gallery activities are free. The Gallery will continue to promote educational activities in the visual arts.

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## Maucker Union

The J.W. Maucker University Union, located in the center of the academic complex and immediately adjacent to the University Library, has a variety of services and facilities available for members of the university community. The Union Coffee House serves lunches and snacks and is also the gathering place for informal meetings over a cup of coffee or iced tea. The Union houses a number of conferences and workshops over the summer months. Other facilities include meeting rooms, informal lounges, a billiards and recreation room, and numerous multi-purpose areas.

A check cashing service is operated from the Box Office of the Maucker Union for the convenience of summer session students. Union Station offers a variety of items for sale. A copy service is available at the Information Desk of the Union for a nominal fee.





**Audio Production Services** provides professional sound recording, mixing, editing, and duplicating services. Both studio and location recording is provided.

**Audio-Visual Services** is responsible for obtaining, distributing, and coordinating media software and equipment university wide. Audio-Visual Services provides a complement of audio-visual equipment in each instructional building and maintains a variety of media equipment for check out. A library of media software (8 mm and 16 mm films, regular and sound filmstrips, slides, computer programs, audio tapes, records, and video tapes) is maintained by Audio-Visual Services, with facilities and equipment available for previewing and using all media. An audio listening center for individual and group use is also available.

**Graphic and Photographic Services** provides consultation, design, and the production of audio-visual materials including overhead transparencies, charts, graphs, posters, photographs, titles for motion pictures and slides, television graphics, and limited typesetting services.

The **Media Laboratories** provide facilities, equipment, and self-instructional programs for students and faculty who want to produce their own instructional materials or learn the operation of a wide variety of audio-visual equipment. Materials are available for purchase in the Media Store, and staff assistance is provided for the operation of media equipment.

**Motion Picture Production Services** provides a university-wide service for the production of super 8 and 16 mm films including budgeting, production, filming, processing, titling, animation, and sound recording.

**Slide and Multi-Image Services** provides consultation, design, and production of slides, slide series, and multi-image series.

Five large lecture halls in the Education Center are equipped with multi-media utilization systems, and each hall contains a multi-image, rear-screen projection system which is remotely controlled from an electronic podium. This system can project 16 mm films, slides, and film strips in any combination. Media utilization is scheduled through this service.

**Television Services** provides the university with a wide range of TV services including production planning, production (studio and location), editing, character and special effects generation, video tape duplication, film to video tape transfers, utilization planning, video tape playback, TV distribution, coordination with cable TV, engineering, and design of TV installations. Facilities include production studios, micro-teaching studios, control rooms, distribution facilities, and rooms for individual, small- and large-group viewing.

## Curriculum Laboratory

The Curriculum Laboratory is a research facility where UNI students, faculty, and administrators, as well as area educators can examine and evaluate a wide range of K-12 curricular materials. Located in Room 222 of the Education Center, the Curriculum Laboratory contains the following types of materials:

1. Curriculum guides and resource units
2. Elementary and secondary texts
3. Activities and simulations
4. Enrichment kits and games
5. Professional journals
6. Pictures, posters, and charts
7. Standardized tests
8. Catalogs and promotional literature
9. Professional texts on methods of teaching
10. Research monographs and publications on current issues in education

In addition to the usage of an extensive variety of curricular materials, the following are also available to Curriculum Laboratory patrons:

1. Bibliography preparation on a variety of subjects, as requested
2. Computer laboratory facilities and software
3. Orientations for classes and small groups
4. Photocopy equipment
5. Access to TV carrels to view educational programming and video tapes

Summer hours of the Laboratory are 7:30 a.m. to 4 p.m. Monday through Friday, and evening hours to be announced.

## Educational Media Center

The Educational Media Center is responsible for providing media design, production, and utilization services for the entire university. The services are provided by seven closely related areas within the EMC.



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## The University Museum

The University Museum, accredited by the American Association of Museums, is used extensively as an educational resource by both university classes and area schools and as a cultural facility by local clubs and individual visitors.

Museum collections embrace four subject categories: geology, biology, anthropology, and history. The geology collection consists of minerals, rocks, and fossils of worldwide distribution. The biology area includes a bird collection consisting of most birds indigenous to the midwest as well as some exotic, rare, and extinct species. Large and small mammals, reptiles, fish, anthropods, and marine invertebrates, including a vast collection of shells from around the world, are also a part of the biology collection. American, Iowa and local history are represented from colonial times to the present by a wide variety of artifacts and printed documents. The anthropology area, which began with a collection of Indian arrowheads, axes, mauls, and Pueblo pottery, is at present the most rapidly expanding area at the Museum and includes important collections from Africa, Asia, the Pacific Islands, and South America.

The UNI Museum is located in the Plant Services Building at 31st Street west of Hudson Road and is open, free of charge, daily from 9 a.m. to noon and 1 to 4:15 p.m., Monday through Friday. It adheres to the academic calendar. Although large groups such as clubs and classes are asked to telephone or write the Museum for appointments, all other visitors are invited to come without appointments any time the Museum is open.

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## Malcolm Price Laboratory School

University students are encouraged to visit classes in the Malcolm Price Laboratory School which will be open for six weeks during the summer session, June 13 through July 22, 1983. The summer program of the Laboratory School operates to fulfill the following functions: (1) to provide university students opportunity for a wide range of professional laboratory experiences including observation, participation, laboratory practice, practicum, and advanced laboratory practice; (2) to provide classrooms to be used for instructional demonstrations by the various summer programs and workshops conducted in the Laboratory School; (3) to employ experimental and innovative methods and materials in the classroom instructional program; and (4) to provide for school pupils a selected program of learning and enrichment experiences.

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## Pupil Programs

**Elementary Pupil Programs.** Instructional programs providing enrichment learning experiences beyond those of the regular school year will be conducted for children from nursery/ kindergarten through grade six. Special programs will be offered for talented and gifted students at elementary and junior high levels. Major emphasis will be given to pupil development of concepts, skills, attitudes, and understandings in the following areas: science, mathematics, language arts, social studies, music, art, industrial technology, and physical education.

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## Pupil Activities

**Library.** The library and its large collection of books, pamphlets, pictures, and clippings will be available to classes, groups, and individuals. Pupils will be instructed in the use of the library and encouraged to read and explore widely.

**Music.** As an instrument of learning, music will help pupils to discover how man communicates feelings and emotions, while group singing and discriminating listening will help children understand music and its contribution to daily living.

**Art and Industrial Technology.** Art and industrial technology will offer children the opportunity to experiment with ideas, and to understand and develop an imaginative use of two- and three-dimensional materials. Growth in subject matter, as well as the child's interest, will be considered. Design problems, production experiences, and investigative methods will be introduced.

**Physical Education.** Swimming instruction will be given to all pupils attending the summer session. Safety in swimming will be emphasized.

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## University-Level Programs

**Laboratory Practice — Elementary (28:150).** This course is designed for teachers with several years of teaching experience who have not fulfilled the student teaching requirements for certification. Course opportunities include practice in classroom teaching procedures, preparation of instructional materials, access to the Laboratory School media center, and participation in a special seminar on modern teaching and curriculum theory.

**Advanced Laboratory Practice (28:250).** Graduate students attending the summer session are encouraged to explore opportunities for Advanced Laboratory Practice in the Price Laboratory School, with concentration on any aspect of the school program. Credit can be earned by participating in one of the special teacher workshops.





**Student Teaching.** Summer student teaching is offered only to students who meet the requirements of the Teacher Education Coordinating Council, and is available only to students who have had teaching experience and can complete a degree program at this university during the summer session of 1984. Student teaching will be offered only in the elementary grades for 4 or 5 semester hours of credit. This credit will meet the requirements in student teaching; additional hours may be taken in elective courses. Interested students should file applications not later than April 15, 1984, with the Office of Student Field Experience, Room 41, Auditorium Building, UNI.

**Workshops.** A limited number of workshops for elementary and secondary school teachers will be conducted during the summer session by Price Laboratory School faculty. The duration of these workshops will vary from one to three weeks and from one to three (1 to 3) semester hours of university credit may be earned for successful workshop completion.

Workshop offerings, dates, and other details are specified in the special workshop bulletins that are being distributed.

## Recreation and Activities

The summer session's programs and activities cover a wide range of interests including nationally known lecturers, outstanding films, musical concerts, summer theatre productions, art exhibits, and other special events. The entering freshman as well as the mature graduate student will find activities and events of general and special interest.

**Summer Theatre 1983** — An entertainment highlight of the summer session is Theatre UNI and UNI Lyric Theatre's offering of three productions presented in the Strayer-Wood Theatre. Repertory theatre at UNI began in 1966, and since that time thousands of theatre goers have enjoyed the outstanding quality of the summer stage productions.

This summer the productions will run every Thursday, Friday, and Saturday, beginning June 21 and ending July 28.

**Campus and Community Recreational Opportunities** — A variety of recreational opportunities, structured and unstructured, are provided for the students, faculty/staff, and their families during the summer session. Some of the structured activities include tennis, golf, and racquetball/handball tournaments plus organized leagues in volleyball, slow-pitch softball, and basketball. There are also special instructional programs and events provided throughout the summer. Unstructured activities (open recreation) are always available on the 45 acres of turfed play fields and in the spacious UNI-Dome/PE Center complex.

UNI has excellent indoor and outdoor facilities: 30 laykold tennis courts (10 lighted), 10 racquetball/handball courts, swimming pools, indoor and outdoor running tracks, plus a challenging nine-hole golf course.

The Cedar Falls-Waterloo area is noted for its excellent parks and recreational facilities for picnicking, bicycling, boating, horseback riding, and a wide variety of other recreational activities. In addition, within easy driving distance in northeast and east central Iowa are a variety of points of interest including the Amana Colonies, Backbone State Park, the Yellow River Forest, the Little Brown Church at Nashua, the Bily Brothers Clocks and Anton Dvorak Memorial at Spillville, and the Tama Indian Settlement.

Information regarding the summer program and facilities is available from Campus Recreation offices located in the southwest corner of the Physical Education Center (PEC) — telephone 273-2391. Brochures and flyers are also distributed and available to provide information about summer activities on campus and in the area.



# The Undergraduate Program

The University of Northern Iowa offers five baccalaureate degree programs — the Bachelor of Arts, the Bachelor of Fine Arts, the Bachelor of Music, and Bachelor of Technology, and the non-traditional Bachelor of Liberal Studies. The Bachelor of Arts and the Bachelor of Technology degrees are organized in two curricular programs leading to the baccalaureate degree: one program which includes professional courses required for certification to teach, and the other in which liberal and/or vocational arts courses complete the degree requirements. The Bachelor of Music degree provides for teaching certification under the Music Education major; and it is possible to take part of the necessary work during the undergraduate program and the remainder as a post-graduate to earn a teaching certificate with the other majors under that degree. The Bachelor of Fine Arts degree is a highly specialized program which provides strong emphasis on work in professional career training.

**General Education:** A general education program of 40 semester hours is required of all students working toward a baccalaureate degree on any curriculum in addition to the work in the major area, and most of the general education courses are recommended to be completed during the first two years of college work.

Through its program of general education UNI seeks to help the student toward self-understanding and to understand the society in which the student lives in order that he or she may participate more effectively as a citizen of the community. Through courses in science, mathematics, the humanities, the arts, social science, communication skills, and physical education, the student is led to an understanding of present-day problems. Students explore the world in the process of developing an understanding of our cultural heritage.

The students are encouraged to develop the ability to grasp the ideas of others and to express themselves effectively, orally and in writing. The enjoyment and understanding of literature, art, music, and other expressions of creative ability of mankind are important objectives of the student's work in general education, as is instruction in personal and community health and in physical fitness.

## Bachelor of Arts — Teaching Program 130 Semester Hours

On this program, undergraduate courses lead to the B.A. degree with the following majors:

Art	Industrial Arts Education
Asian Studies	Mathematics
Biology	Middle School/Junior High Education
Business Education	Physical Education
Chemistry	Physics
Communication and Theatre Arts	Political Science
Early Childhood Education	Psychology
Earth Science	Safety Education
Economics	Science
Elementary Education	Science: Environmental/Conservation Education Emphasis
English	Social Science
French	Sociology
General Communication and Theatre Arts	Spanish
Geography	Speech-Language Pathology
German	TESOL/Modern Languages
Health Education	Vocational Home Economics
History	
Home Economics	

Minors may be selected from the following fields: Art, Biology, Business Education, Chemistry, Coaching, Communication and Theatre Arts, Dance, Earth Science, Economics, Education of the Handicapped — Secondary Level, English, French, Geography, German, Health Education, History, Industrial Arts, Journalism, Library Science, Mathematics, Music, Physical Education — Elementary Teaching, Physics, Political Science, Psychology, Russian, Safety Education, Sociology, and Spanish. A minor in another teaching area is required of those majoring in Geography.

Teachers interested in certificate renewal may use the summer session to earn credit for this purpose. Since the institution in which the credit is earned must certify as to whether or not the courses apply on an advanced curriculum or a higher certificate, care must be taken at the time of the enrollment to select the proper courses. The summer session may also be utilized for extending certification endorsements to include areas such as Special Education.



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## Bachelor of Arts

### 124 Semester Hours

On this program, undergraduate courses lead to the B.A. degree with the following majors:

Accounting	Home Economics —
Administrative	Dietetics
Management	Home Economics — Family
American Studies	Services
Anthropology	Home Economics in
Art	Business — Clothing
Biology X and Y	and Textiles
Biotechnology	Home Economics in
Chemistry A and B	Business — Foods and
Chemistry-Marketing	Nutrition
Communication and	Humanities
Theatre Arts	Individual Studies
Communications/Public	Industry
Relations	Latin American Studies
Communications/Radio-TV	Management
Community Health	Marketing
Education	Mathematics
Community Recreation	Music
Computer Science	Natural History
Computer Information	Interpretation
Systems	Philosophy
Earth Science	Philosophy and Religion
Economics	Physics A, B, and C
English	Political Science
English Linguistics and	Psychology
Modern Languages	Public Administration
English Linguistics	Religion
French	Russian Area Studies
General Studies	Science
General Studies for	Science: Environmental
Registered Nurses	Planning
Geography	Social Work
Geology	Sociology
German	Spanish
History	Teaching English to
Home Economics — Design	Speakers of Other
and Human	Languages (TESOL)
Environment	Theatre Arts
	Therapeutic Recreation

Minors may be selected from the following fields: Anthropology, Art, Asian Studies, Astronomy, Athletic Training, Audio Recording Technology, Biology, Business — Accounting, Business — Management, Business Communication, Chemistry, Communication and Theatre Arts, Community Health Education, Comparative Literature, Computer Science, Criminology and Corrections, Dance, Earth Science, Economics, Educational Media, English, English Linguistics, Environmental Perceptions, Family Life Education, French, Geography, German, History, Home Economics, Humanities, Industry, Jazz Studies, Journalism, Marketing, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Religion, Russian, Sociology, Spanish, Teaching English to Speakers of Other Languages (TESOL), and Women's Studies.

A knowledge of a foreign language is required or recommended for several majors; specific information regarding foreign language requirements is given with the major program statements in the UNI Bulletin (Catalog issue).

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## Bachelor of Fine Arts

### 130 Semester Hours

This degree is a highly specialized program which provides strong emphasis on work in professional career training. Two majors are available under the B.F.A., a *major in Art* and a *major in Music Theatre*. Both majors require the completion of 40 hours of General Education courses.

The **Art** major requires that students complete a program of 18 semester hours of foundations, 18 semester hours of studio distribution, and 6 semester hours of drawing. The remainder of the major requirements, including 9 semester hours of art history electives, will follow the student's particular area of specialization. The major does not provide for certification to teach.

The **Music Theatre** major is an interdisciplinary program offered by the School of Music. Requirements for the major are: Music core of 53 hours and Theatre core of 24 hours for a total of 77 hours. Participation in a performance organization is required of all degree students every semester in residence. A basic knowledge of a foreign language is recommended. Upon completion of the specific requirements of the Music Education major under the Bachelor of Music degree in addition to the Music Theatre major, the student could qualify for certification to teach.

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## Bachelor of Music

### 130 Semester Hours

Majors for the Bachelor of Music degree include:

Music Education  
Performance  
Theory-Composition

The degree requires 40 hours of General Education courses; 65-80 hours of music; and 10-25 hours of general electives.

Teaching certification for grades K-12 is available under the Music Education major. For this program students must complete the 23-hour Common Professional Sequence in place of general electives.

Students on Performance and Theory-Composition programs who want to obtain similar teaching certification should consult with the Director of the School of Music.





### **Bachelor of Technology** 127-133 Semester Hours

This program allows the student a choice of majoring in four areas: Vocational Technical Education, Industrial Technology, Construction Technology, or Power and Energy Technology.

The **Vocational Technical Education** major — 130 hours — is planned to prepare teachers to teach in a specific trade program or technology in a high school or a two-year area community college or vocational technical school.

The **Industrial Technology** major — 127 hours — is designed to prepare persons for industrial supervisory and leadership positions that are associated with the field of engineering. More specifically, graduates from these programs may be employed in one of the following divisions of industry: engineering, design and development, production and manufacturing, field service and product utilization, training, technical representation, sales and distribution, or personnel. This degree program has two areas of technical concentration: Manufacturing, and Mechanical Design and Drafting Technology.

The **Construction Technology** major — 130 hours — is designed to prepare individuals for positions in the construction industry such as project managers, project coordinators, project estimators, material and equipment distributors, labor-management relations personnel, inspectors, researchers, technical specification writers, sales managers, manufacturers' representatives, maintenance supervisors, construction supervisors, and quality control specialists.

The **Power and Energy Technology** major — 130 hours — is designed to prepare students for industrial supervisory and leadership positions that are associated with the field of electronics and mechanical engineering. Graduates from this program may be employed in one of the following divisions of industry: research and development, production and manufacturing, field service and product utilization, sales and distribution, training, technical representation, technical writing, and industrial maintenance.

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### **Bachelor of Liberal Studies** 124 Semester Hours

This is an "external" degree program made available through the cooperative efforts of the three Iowa Regents universities, the University of Northern Iowa, Iowa State University, and the University of Iowa. Under the B.L.S., baccalaureate educational opportunities are provided to those who cannot attend college as full-time, on-campus students. Each of the three universities offers the degree with the same curriculum requirements. The program at UNI is under the supervision of the Dean of Continuing Education and Special Programs.



# The Graduate Program

Eight graduate degrees are offered at UNI: the Master of Arts degree, the Master of Arts in Education degree, the Master of Business Administration degree, the Master of Music degree, the Specialist in Education and the Specialist degrees, the Doctor of Industrial Technology degree, and the Doctor of Education degree. Graduate majors are available in most departments and graduate-level courses are offered by all departments of the university.

## Admission to Graduate Study

Graduate study is open to students who hold a baccalaureate degree from an accredited institution and who meet stipulated academic and achievement test standards. Persons who have not previously been enrolled as graduate students at the University of Northern Iowa should write to the Registrar requesting the necessary application blanks.

A student who is a graduate of another college must file a transcript from the college granting the degree if he or she (1) wishes to become a candidate for an advanced degree at UNI, or (2) wishes to be recommended by UNI for a teaching certificate. Others need file only a statement of the degree earned.

At the time of admission to graduate study, each graduate student is expected to consult with the head of the department in which he or she intends to major, or concentrate study, for assignment of an adviser. The adviser will assist the student in the registration process. The student undecided about a major, or who does not plan at the time of admission (or enrollment) to seek a master's degree, should consult with the Dean of the Graduate College. Every Graduate student should be conferring with a faculty adviser from time to time to insure progress in his or her education.

Students applying for admission to degree status should take the Graduate Record Examination prior to admission or no later than the first test date following the first registration. The Master of Business Administration requires the Graduate Management Admission Test (not the GRE) which must be taken prior to enrollment in the program. These examinations are administered by the Office of Examination Services.

## Graduate Majors

The Master of Arts, the Master of Arts in Education, the Master of Business Administration degree, or the Master of Music degree may be earned by either the thesis or the non-thesis option, as specified for the individual majors. Minimum requirements for the thesis plan include 30 semester hours of graduate credit; minimum requirements for the non-thesis plan include 30 to 37 hours of graduate credit, depending upon the major. Specific details are given in the graduate section of the *1984-86 Bulletin — Catalog Issue* and the *1983-85 UNI Graduate Bulletin*.

The Specialist in Education or the Specialist degree may be earned by completing at least 30 semester hours of graduate credit beyond the master's degree and by satisfying the general and specific requirements for the degree. A department may require a thesis even if one was completed for the master's degree.

The Doctor of Industrial Technology degree requires the completion of a minimum of 64 semester hours of credit beyond the master's degree and the fulfilling of the general and specific requirements for the degree. Degree requirements include a dissertation plus the publication of at least one scholarly paper within one of the professional fields related to industrial technology.

The Doctor of Education Degree requires a minimum of 60 semester hours of credit beyond the master's degree. There are three components to the program: 27 semester hours in a *Professional Common Core* of work in educational foundations, fundamentals, and research; 21-24 semester hours of *Advanced Professional Study* in one of six areas of intensive study and a related area; and 9-12 semester hours of dissertation work. Degree requirements include a dissertation.



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## Master of Arts

The Master of Arts degree is designed for students interested in advanced preparation for elementary, secondary, or college teaching, or for students planning to pursue careers in fields other than teaching. Graduate level courses are offered in all departments of the university, with the following majors available:

Art	Physical Education
Audiology	Physics
Biology	Political Science
Business Education	Psychology
Chemistry	School Business
Communications Media	Management
Counseling	Science
Earth Science	Science Education
English	Social Science
English Linguistics	Sociology
French	Spanish
Geography	Speech
German	Speech Pathology
Health Education	Teaching English to
History	Speakers of Other
Home Economics	Languages (TESOL)
Industrial Arts	Technology
Library Science	TESOL/Foreign Languages
Mathematics	Two Languages:
Math for Elementary and	French/German,
Middle Schools	Spanish/French,
Music	German/Spanish
Music Education	

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## Master of Arts in Education

The Master of Arts in Education degree program is designed to prepare professionally competent teachers, administrators, supervisors, school psychologists, and guidance counselors. The following majors are available:

Early Childhood Education	School Administration and
Educational Media	Supervision
Educational Psychology	Secondary Principalship
General Educational	Elementary
Psychology	Principalship
School Psychology	Elementary Supervision
Teaching	School Business
Education of the Gifted	Management
Elementary Education	Special Education
Middle School/Junior High	Student Personnel Services
School Education	Elementary Guidance
Reading	and Counseling
Elementary Reading and	Secondary Guidance and
Language Arts	Counseling
Secondary Reading	College Student
Remedial Reading	Personnel Services

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## Master of Business Administration

The Master of Business Administration degree program is planned to qualify students for creative leadership in business. The broad, integrated program provides an emphasis in the functional areas of business as well as selected specialized techniques, seeking a balance between theoretical knowledge and practical operation. The major is offered by the School of Business.



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## Master of Music

The Master of Music degree is a professional degree designed to prepare the student for a college or secondary school teaching career, a performance career as a professional musician or composer, or for further graduate work at the doctoral level. The following majors are offered:

Composition  
Conducting  
Music History  
Performance

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## Specialist in Education

The Specialist in Education degree program is designed to provide an advanced level of preparation for specialized school personnel. The following majors are available:

Business Education	School Business
Curriculum and	Management
Supervision	Special Education:
Curriculum Coordinator	Administration
Elementary Consultant	Curriculum Consultant
Secondary Consultant	Student Personnel Services
Educational Psychology	Director of Guidance
Evaluation	Services
School Psychology	Elementary Guidance
Reading Education	and Counseling
School Administration	Secondary Guidance and
Elementary Principal	Counseling
Secondary Principal	College Student
Superintendent	Personnel Services

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## Specialist

Science Education





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### Doctor of Education

The Doctor of Education degree is intended to provide practicing educators the opportunity to continue their study and earn the terminal professional degree in their field. A minimum of three years of appropriate educational experience is one of several requirements for eligibility for the program. The six areas of intensive study provide the student with the option of a specialized focus, and are designed for different professional competencies as indicated below.

**Counseling.** This area of intensive study involves continued development of knowledge and skills of educational professionals who assist others in clarifying, coping with or solving personal, academic, or career dilemmas. (For more information, contact the Head, Department of Educational Administration and Counseling.)

**Curriculum and Instruction.** This area of intensive study is designed to prepare scholar-practitioners to plan, implement, evaluate, and supervise educational programs for children and adult learners. (For more information, contact the Head, Department of Curriculum and Instruction.)

**Educational Administration.** This area of intensive study involves the preparation of personnel for leadership roles in administering and supervising departments, schools, districts, or other educational agencies. (For more information, contact the Head, Department of Educational Administration and Counseling.)

**Reading.** This area of intensive study is designed to prepare scholar-practitioners to assume leadership roles in reading-language arts programs. (For more information, contact the Head, Department of Curriculum and Instruction.)

**School Psychology.** This area of intensive study is designed to provide school psychologists with additional theory and practice skills to serve families, children and educators in a leadership role. (For more information, contact the Head, Department of Educational Psychology and Foundations.)

**Special Education.** This area of intensive study is designed to provide students with the knowledge and skills to work effectively in leadership positions in special education agencies, residential facilities, or other agencies that serve disabled individuals. (For more information, contact the Head, Department of Special Education.)

For more information regarding the Doctor of Education degree program, contact the Dean's Office, College of Education, University of Northern Iowa.

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### Doctor of Industrial Technology

The Doctor of Industrial Technology degree program is designed to develop scholars for the fields of education and industry. Program emphases provide intellectual tools for the pursuit of scholarly research and applied practice in the discipline of industrial technology. Another emphatic feature is the developing of knowledge about contemporary operations and future possibilities in technological systems and their utilization in the educational and the industrial settings. This advanced degree program prepares individuals for leadership roles and to advance their professional development toward specific and defined career goals for either the educational or industrial environment.

Industrial Technology



# Administrative Staff

**1983-84**

Constantine W. Curris, Ed.D.  
President

Edward V. Voldseth, Ph.D.  
Assistant to the President for State Relations and  
Special Events

Richard H. Stinchfield, Ph.D.  
Director, Planning and Policy Management

Marilyn D.S. Montelro, Ed.D.  
Affirmative Action Officer

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## **Division of Instruction**

James G. Martin, Ph.D.  
Vice-President and Provost

Fred W. Lott, Jr., Ph.D.  
Assistant Vice-President, Academic Affairs and  
Coordinator of the Summer Session

Charles L. Means, Ph.D.  
Assistant Vice-President for Academic Affairs for EOP/  
SCS

John C. Downey, Ph.D.  
Dean of the Graduate College

Glenn L. Hansen, Ph.D.  
Dean, Division of Continuing Education and Special  
Programs

Donald O. Rod, A.B.L.S.  
Director of Library Services

Robert R. Hardman, Ed.D.  
Director of the Educational Media Center

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Vice-President for Educational and Student Services

Thomas P. Romanin, Ph.D.  
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Coordinator of Academic Advising Services

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Registrar

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Director of Admissions

Yancy Beavers, M.A.  
Acting Director of Financial Aids and Student  
Employment

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Director of Student Health Services

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Director of Maucker Union and Student Activities

Wayne A. King, Ph.D.  
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Administrator, Special Services

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Security and Parking Director

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James L. Bailey, M.A.  
Associate Director of Business Services and University  
Treasurer

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Controller and University Secretary



# Instructional Divisions

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Robert J. Krajewski, Ed.D.  
Educational Administration and Counseling

Lawrence L. Kavich, Ed.D.  
Educational Psychology and Foundations

Elizabeth A. Martin, M.A.  
Library Science

William R. Thrall, Ph.D.  
School of Health, Physical Education, and Recreation

Marion Thompson, Ed.D.  
Special Education

Ross A. Nielsen, Ph.D.  
Teaching

## College of Humanities and Fine Arts

Thomas H. Thompson, Ph.D. .... Dean

### Department Heads/Directors:

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Art

Gary Jon Hall, Ph.D.  
Communication and Theatre Arts

Clifford L. Highnam, Ph.D. (Acting Head)  
Communicative Disorders

Jan Robbins, Ph.D.  
English Language and Literature

Fritz H. Konig, Ph.D.  
Modern Languages

Ronald D. Ross, Ph.D.  
School of Music

David R. Crownfield, Th.D. (Acting Head)  
Philosophy and Religion

## College of Natural Sciences

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Biology

LeRoy McGrew, Ph.D.  
Chemistry

Wayne I. Anderson, Ph.D.  
Earth Science

John T. Fecik, Ed.D.  
Industrial Technology

David R. Duncan, Ph.D.  
Mathematics and Computer Science

Gerald Intemann, Ph.D.  
Physics

## College of Social and Behavioral Sciences

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Economics

Basheer Nijlm, Ph.D.  
Geography

Donald R. Whitnah, Ph.D.  
History

Mary L. Franken, Ed.D.  
Home Economics

Robert L. Ross, Ph.D.  
Political Science

Albert R. Gilgen, Ph.D.  
Psychology

E. Clifford Brennen, D.S.W.  
Social Work

Norris M. Durham, Ph.D.  
Sociology and Anthropology

## School of Business

Robert J. Waller, Jr., D.B.A. .... Dean

### Department Heads/Directors:

Gaylon Halverson, D.B.A.  
Accounting

ElVon Warner, Ed.D.  
Business Education and Administrative  
Management

Tony N. McAdams, J.D.  
Management

Steven B. Corbin, Ed.D. (Acting Head)  
Marketing



# Registration Procedures

## New Students

New students, both graduate and undergraduate, cannot register for classes until all requirements for admission to the university are met.

New **graduate** students (after admission requirements are met) will register in accordance with the procedure set out below for former students.

New **undergraduate** students (after admission requirements are met) will receive their registration materials in connection with the orientation program for such students, and will be given further instructions for completing registration during the new student orientation program.

## Former Students

All students who are not currently enrolled and who plan to attend the summer session must file a **notice of intent to register**. This notice must be filed at the Registrar's Office before registration materials can be prepared.

Students who intend to register during the advance registration period must file this notice of intent no later than February 21, 1984.

For registration on June 4, the **notice of intent to register** must be filed by May 21, 1984. On June 24 students will pick up registration materials at the Registrar's Office and register at the Scheduling Office, Room 244, Gilchrist Hall.

Students planning to register at times other than those specified above must file the **notice of intent to register** at least two weeks in advance of the date they intend to register.

## Currently Enrolled Students

If you are currently enrolled during the spring semester 1984, registration materials for the summer session 1984 will automatically be prepared for you. It is not necessary for you to file an intent to register.

Undergraduate students enrolled for the 1984 spring semester who plan to graduate in May, 1984, and intend to continue as graduate students must file an application for graduate study before summer registration can be completed.

## Both Former and Currently Enrolled Students

Students who have unpaid accounts or other irregularities will be delayed in registering until these matters are cleared.

Housing arrangements should be made as soon as possible.

## Procedures for Registration

The following procedure should be used at time of registration:

1. Present ID card at Registrar's Office and pick up registration materials.
2. Fill out the registration form, answering all questions.
3. See adviser and have the schedule approved. Advisers should be in their offices.
4. Students should retain the copy of the schedule of classes for which they register.
5. Register in the Scheduling Office, Room 244, Gilchrist Hall. This is to be done on or after the date and hour specified on the registration form. Be sure you receive a validated registration certificate.

## Registration by Mail

Former students and new students who have been admitted to the university and plan to enroll for the 1984 summer session may register by mail. Mail-in registrations will be accepted through May 25, 1984, for the 8-week and first 4-week sessions, and June 25 for the second 4-week session.

## Advance Registration Schedule

### Current and Former Students

The day and hour for registration will be printed on your registration form. If you cannot register on your assigned day, you may register at 8:00-9:00 a.m. or 4:00-5:00 p.m. any day following your assigned time.

Second B.A. students will register as juniors for all Business courses. Other students will register using their classification at the end of the fall 1983 session. Spring 1984 hours will not be used.





## Other Registration Information

### Late Registration

For the 8-week session and the first 4-week session, registration after June 4, 1984, will be considered a late registration and a \$10.00 late-registration fee will be charged to all students who register for these sessions after that date.

For the second 4-week session, registration after July 2, 1984, will be considered a late registration, and the \$10.00 late-registration fee will apply.

A number of short courses (two and three weeks) are listed in the Schedule. Students registering for one of these short courses may do so up to the day the class meets for the first time. Students registered for other courses may add one of these short courses up to the first day of class following the change-of-registration procedure. Of course, maximum load limits, which are set forth elsewhere in this portion of the Schedule, must be observed.

Any exemption from late registration charge must be approved by the Assistant Vice-President, Academic Affairs.

### Closed Classes

Written permission to enroll in a class which is closed must be secured from the head of the department in which the course is offered. In some instances, the department head may ask the student to consult the instructor to see whether there is room in the class; however, the final approval must come from the head of the department.

### Change of Registration

Changes of registration will not be accepted until after March 23, 1984.

If a change of schedule is necessary:

1. See advisor and fill out a *Change of Registration* form.
2. Take the form to the Scheduling Office and complete the change there.
3. A fee of \$5.00 will be assessed for each *Change of Registration* form after the last day to add a course without departmental approval.

**The change of registration is not effective until the form is filed in the Scheduling Office, and the date filed in the Scheduling Office is the effective date of change.**

Classification	Terminal Digits of Student Number	Pick up registration materials on or after	Register in Scheduling Office 8 a.m.-5 p.m. on or after
<b>Seniors</b>	00-49	Mar 1	Mar 2
Students with 90 or more hours at end of fall semester)	50-99	2 5	5 6
<b>Juniors</b>	00-49	Mar 6	Mar 7
(Students with 60-89 hours credit at end of fall semester)	50-99	7	8
<b>Sophomores</b>	24-49	Mar 8	Mar 9
(Students with 30-59 hours credit at end of fall semester)	75-99	9	19
	00-24	19	20
	50-74	20	21
<b>Freshmen</b>	00-99	Mar 21	Mar 22
(Students with less than 30 hours credit at end of fall semester)			
<b>Unclassified and Special</b>		Mar 22	Mar 23



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## **Student Load**

### **Undergraduate Students**

The normal maximum student load is one credit hour per week of instruction; thus, except as noted below, students enrolling for eight (8) weeks may carry a maximum of 8 semester hours; those enrolling for four (4) weeks may carry a maximum of 4 semester hours.

Undergraduate students enrolling for 8-week courses who have a cumulative grade point average of 2.50 or higher may enroll for a maximum of 9 semester hours without special approval. Those with a cumulative grade point average of 3.00 or higher may enroll for 5 semester hours in a 4-week session without special approval.

### **Graduate Students**

The maximum graduate student load during the 8-week summer session is 8 semester hours; that normally permitted during each 4-week summer session is 4 semester hours; that during a 2-week post session is 2 hours. Exceptions to these load restrictions may be granted only by the Dean of the Graduate College.

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## **Repeating Courses**

Students must identify on the registration form any course which is being repeated by indicating an "R" in the special symbol column on the registration form.

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## **Auditing Classes**

Students may register to audit a course by indicating "A" in the special symbol column on the registration form. The student's name will appear on class and grade lists with audit identified. Student grade reports and transcripts of student records will not automatically show course listing or notation of audit if the student is registered for other courses. Students registered only for audit would have a grade report and a transcript listing which would show only the word "audit." In either case, the course title would not be listed unless a student request approved by the instructor showing the student regularly attended the course is filed in the Office of the Registrar.

Registration for the 1984 summer session may not be changed from credit to audit after June 8, 1984, for the first 4-week classes; June 13, for 8-week classes; and July 6, for second 4-week classes. Students registering as auditors may change to registration for credit upon recommendation of the course instructor and approval of the Assistant Vice-President for Academic Affairs. The appropriate change of fee assessment, if any, will be made.

Audit hours are included in the maximum credit hour load a student may take. Fee assessment for audited courses is the same as for courses taken for credit.

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## **Explanation of Course Numbers**

Courses are designated by two numbers which are separated by a colon. The first number refers to the department or subject area; the second number refers to the specific course. For example, in the course 60:111 the "60" refers to the Department of Art and the "111" refers to the course. In registration always use the full number.

A "0" as the first digit after the colon indicates this is a course designed primarily for freshmen and sophomores.

A "1" as the first digit after the colon indicates that the course is open primarily to juniors and seniors. A "g" after the course number (60:111g) indicates the course carries graduate credit for graduate students; however, juniors and seniors may enroll in these courses.

When the first digit after the colon is a "2" the course is open primarily to graduate students, and undergraduates seeking admission to the course must secure the permission of the head of the department offering the course before enrolling.

If the first digit after the colon is a "3" this indicates a course which is open primarily to doctoral students, and graduates seeking admission to the course must secure permission of the head of the department offering the course.

Sections numbered in the 80's (or "8" and a letter) will meet the first four weeks of the summer session. Sections numbered in the 90's (or "9" and a letter) will meet the second four weeks of the summer session.

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## **Prerequisites**

An entry in parentheses after a course title indicates a prerequisite to be satisfied before enrolling for this course.

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## **Special Sections**

Some course listings and section numbers are followed by a letter. The meaning of these designations is as follows:

- L Lower Elementary
- U Upper Elementary

Some course listings and section numbers are preceded by "eve." These are evening classes.



# Fees and Billing Information

## Basic Fees

Undergraduate Credit Hours	*Iowa Residents	*Non- Residents
1	\$100	\$ 100
2	100	100
3	150	150
4	200	200
5	250	565
6	300	678
7	350	791
8	400	904
9	450	1017
10	500	1130
11	550	1243
12 or more	592	1350

Graduate Credit Hours	*Iowa Residents	*Non- Residents
1	\$148	\$ 148
2	148	148
3	222	222
4	296	296
5	370	830
6	444	996
7	518	1162
8	592	1328
9 or more	660	1490

\*See the UNI Catalog for classification of residents and nonresidents.

## Workshops

Fees for workshops are paid on a credit hour basis of \$60.00 per credit hour, without regard to classification or resident status, and are assessed separately from the above schedule.

## Other Fees

Application for admission to the university	\$ 10
Applied Music — in addition to tuition,	
Private lesson (½ hr. per week)	45
Private lesson (1 hr. per week)	80
Group Voice, Group Piano (groups of 4 or more), per credit hour	25
Credit by Examination, per course	50
Late Registration	10
Transcript of Academic Record —	
One transcript	3
Multiple copies, same order —	
First copy	3
Each additional copy	1
Fee for Change of Registration	5
Correspondence	35
Writing Competency Exam for students not registered	50
Minimum fee for remedial courses carrying zero credit hours	100
Open Credit per project	100
Auditors (visitors) — pay the same fees as regular students enrolled for credit.	

## Room and Board

8-week session, or two 4-week sessions	\$425
One 4-week session	212.50
(Fees are based on double occupancy and full board.)	

## Fee Billing and Payment

The University of Northern Iowa has a student-accounts-receivable billing system through which tuition and fees, residence hall contract amounts, family student housing rents, and various other charges are billed. All tuition and fees for the regular summer session, pre- and post-session, and summer session workshops will be billed through this system. However, there is no installment payment program for tuition and fees or for residence hall contract amounts for the summer session. The following billing and payment dates will apply for summer-session 1984:

Approximate billing dates	Due date/Cancellation dates
June 14	July 5
July 16	August 6
August 14	September 5

### Please note:

1. The June 14 billing will include tuition and fees for all courses for which registrations have been processed through June 11. It also will include all residence hall contract amounts processed through June 11.



2. The July 16 billing will include all new charges from registrations processed after June 11 and through July 13. Primarily this will be for registrations for the second 4-week session plus workshops beginning after June 11 that were not processed in time to be included in the June 14 billing. This billing also will include any other charges that were not included in the June 14 billings.
3. The August 14 billing will include any charges for the summer session that were not included in the June or July billings.

The June and July billings will be mailed to the address listed by the student as the address at which mail can be received while attending the summer session. The August billing will be mailed to the home address. Payment by check or money order may be mailed to the UNI Business Office Cashier. Such payments must be received in the Business Office not later than the payment due date.

Each student is responsible for maintaining with the university an address at which mail can be received while the student is attending the summer session. A **change of address** form must be completed and returned to the Registrar's Office if a student changes address after registering for the summer session.

**An account unpaid by the payment due date will be reported to the Registrar's Office for cancellation of registration.** If a student's registration is cancelled, a reinstatement fee of \$10.00 and all existing indebtedness must be paid within five (5) days after the cancellation becomes effective or the privilege of reinstatement may be denied. Reinstatements after the term will require special approval and a \$50 reinstatement fee.

Any student who does not receive an invoice within a reasonable length of time from billing date (and before payment due date) is expected to inquire at the Business Office, Room 256, Gilchrist Hall.

Mastercard (formerly Master Charge) is available for student use.

**Any financial assistance from the university must be arranged through the Financial Aids Office, Room 105, Gilchrist Hall.**

## Information on Withdrawals

The following information applies to students who withdraw completely from school during the summer session. Dropping one or more classes does not constitute a withdrawal unless the student drops **all** classes for which he or she is registered. (See withdrawal procedure.) The student should not attempt to withdraw from all of his or her courses by filing a **change of registration** form, but should contact the Registrar's Office to initiate the withdrawal process. (If all courses are dropped by the student, this is a withdrawal and should not be considered a "change of registration.")

## Withdrawal Procedure

A student who has started attending classes who finds it necessary to withdraw from school initiates the withdrawal through the Office of the Registrar. The student living in a residence hall also must cancel the housing contract, signed by the student at the time of enrollment, by contacting the director of the residence hall in which he or she lives.

A student who has enrolled but decides not to come to the University of Northern Iowa should advise the Registrar's Office, in writing, at the earliest possible date (and before classes begin) to cancel the registration, giving the reason(s) for withdrawing from the university.

**Withdrawal after classes begin will result in a tuition charge. Failure to notify the Office of the Registrar of a withdrawal will result in the student's receiving a bill for tuition and fees.**

## Withdrawal Refunds

If credit is earned during the period of enrollment, there is no refund or reduction of academic fees. For any 1-, 2-, or 3-week session there is no refund. Room and Board refunds are made according to the agreement set out in the "Contract for Room and Board" signed by the student at the time of enrollment.

A student who has registered is considered enrolled. Tuition is refundable on the basis of the percentage table given below. The effective date of the withdrawal is the date the official withdrawal form is completed in the Office of the Registrar.

**Notice of withdrawing must be received by 4:30 p.m. on date shown to receive percentage applicable:**

Regular Schedule	Short Schedule First 4 Weeks	Short Schedule Second 4 Weeks
June 7	June 7	July 5
June 11	June 11	July 9
June 13	June 13	July 11
June 15	June 14	July 12



## Percentage Refundable

Regular Schedule	Short Schedule	Time
90%	90%	1-3 days*
75%	50%	4-5 days
50%	25%	6-7 days
25%	0%	8-9 days
0%	0%	10 or more

\*Days are class days. Day count begins with the day summer session classes begin. June 5, 1984, is the beginning date for the 8-week and first 4-week sessions. July 2, 1984, is the beginning date for the second 4-week session.

The manner in which the refund schedules will be applied is as follows:

1. All courses scheduled for 8-week session: Apply Regular Schedule.
2. All courses scheduled for 8-week session and first 4-week session —
  - a. Withdrawals during first 4-week session: Apply Regular Schedule
  - b. Withdrawals during second 4-week session: No refund
3. All courses scheduled for 8-week session and second 4-week session —
  - a. Withdrawals during first 4-week session: Charges for courses on 8-week session are calculated and refund made on basis of Regular Schedule. Second 4-week fee charges fully refunded.
  - b. Withdrawals during second 4-week session: Charges for courses on 8-week session are calculated and there is no refund on this amount. Second 4-week fee charges are refundable on the basis of the Second 4-week Short Schedule.
4. All courses scheduled for both first and second 4-week sessions —
  - a. Withdrawals during first 4-week session: Charges for courses on the first 4-week session are calculated and refund made on basis of First 4-week Short Schedule. Second 4-week fee charges fully refunded.
  - b. Withdrawals during second 4-week session: Charges for courses on first 4-week session are calculated and there is no refund on this amount. Second 4-week fee charges are refunded on the basis of the Second 4-week Short Schedule.
5. **Workshop fee is not refundable after class has begun.**

## Information for Veterans

Veterans who are enrolling for the first time at the University of Northern Iowa and are planning to receive assistance from the Veterans Administration should notify the university's Office of the Registrar. Veterans who intend to enroll for workshops, special programs, or are graduate students intending to engage in research or other exceptional educational activities should also consult with the Office of the Registrar for exceptions to VA specifications.

### V.A. Specifications — 1984 Summer Session

Subsistence:	Undergraduate	Graduate
Full allowance	6 hours	5 hours
$\frac{3}{4}$ allowance	4-5 hours	4 hours
$\frac{1}{2}$ allowance	3 hours	3 hours
Tuition assistance only	1-2 hours	1-2 hours

The above specifications are subject to the exception listed below. Veterans to whom an exception applies must check with the Registrar's Office prior to registration.

1. The above specifications apply only to 8-week courses. For the specifications which apply to 4-week courses or a combination, consult the Office of the Registrar.
2. The university will certify veterans for repeating courses only if a grade of "F" was received in the course.
3. Graduate students will be certified only for courses which apply to a specific program.
4. Graduate students are required to submit a statement of graduate intent prior to the initial semester (session) of registration. Graduate students are required to complete an enrollment permit for each session they attend. See the Office of the Registrar for these forms.
5. Graduate students taking undergraduate courses will be subject to the undergraduate regulations for determining full-time and part-time enrollment.
6. Veterans enrolling in courses on Credit/No Credit basis and in courses offered by arrangement should consult the Office of the Registrar.
7. Withdrawal from a course with a "W" can result in costly repayments to the VA. Veterans should consult with the Registrar's Office for more information.
8. Any veteran reported for non-attendance must be reported to the VA; training level will be adjusted in that term to the instructor's last date of attendance.

To make application for VA assistance, visit the Office of the Registrar, Room 243, Gilchrist Hall, on Mondays, Wednesdays, and Thursdays, only.



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## Graduate and Undergraduate Examinations

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### College Level Examination Program (CLEP)

**General Examinations** — The General CLEP Examinations (except the English Composition with Essay given on June 20, 1984 and October 17, 1984) will be given according to the following schedule:

General Test Dates	Times
Wed., June 6, 1984	8 & 10 a.m.; 1 & 3 p.m.
Mon., July 2, 1984	8 & 10 a.m.; 1 & 3 p.m.
Mon., Aug. 27, 1984	8 & 10 a.m.; 1 & 3 p.m.

Students wishing to take any General CLEP Examinations **must** register in advance with the Examination Services, Room 161, Baker Hall, 273-6023.

**Subject Examinations** — The Subject CLEP Examinations will be given on the dates and at the times in the following schedule:

Subject Test Dates	Registration Deadline	Times
Wed., June 6, 1984	May 1, 1984	8 & 10; 1 & 3
Mon., July 2, 1984	June 1, 1984	8 & 10; 1 & 3
Wed., Aug. 29, 1984	Aug. 1, 1984	8 & 10; 1 & 3

Students wishing to take the Subject CLEP Examination **must** register in advance with Examination Services, Room 161, Baker Hall, 273-6023, before the deadline for each test date.

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### General Graduate Tests for Graduate Students

After the graduate student has met with his or her adviser and/or department head to determine which test or tests the student is required to take, the graduate student may obtain registration information by contacting Examination Services, Room 161, Baker Hall, 273-6023.

The **Graduate Record Examination (GRE)** will be given June 9, 1984. The deadline for registration is May 4, 1984. Registration forms and additional information may be secured from Examination Services, 161 Baker Hall.

The **Graduate Management Admissions Tests (GMAT)** will be given June 16, 1984. The deadline for registration is May 14, 1984. Registration forms and additional information may be obtained from Examination Services, 161 Baker Hall.

Arrangements for other standardized graduate examinations, may be made individually with Examination Services. Advanced registration is required.

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## Miscellaneous Information

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### Credit/No Credit

An undergraduate student having earned twelve (12) semester hours of credit at this university may take courses offered by this institution for which the student is otherwise eligible for degree credit without grade under the following conditions:

1. The course work requirements for a student taking work on an ungraded basis shall be the same as for a student taking the work on a graded basis.
2. A grade of C- or higher is required in a course to receive credit on the "Credit/No Credit" option.
3. Not more than 22 hours of ungraded course work in addition to courses authorized to be offered only for ungraded credit may be taken toward any bachelor's degree.
4. Ungraded credit may not be applied to work required for a major or minor except with the consent of the head of the department in which the course is offered.
5. No course taken on the "Credit/No Credit" option may be applied toward fulfilling a General Education requirement.
6. Except for **Field Experience: Exploring Teaching (20:017); Field Experience: Teacher as Change Agent (20:018); and Student Teaching (28:xxx)**, ungraded credit may not be used in the Common Professional Sequence requirements for the teaching program.
7. Course work passed without grade may not be retaken except by special permission of the dean of the college in which the course is offered.
8. A graded course completed may not be retaken on an ungraded basis.
9. The Credit/No Credit system may not be used with Credit by Examination, Extension, or Corresponding courses.
10. Change of registration in a course to or from a non-graded basis may not be made after five (5) class days beyond midterm in a full, academic-year semester, or after the mid-point in the duration of a course taught in a period less than a full, academic-year semester. Only one such change of registration may be made per course.

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### Grade Reports

Copies of grade reports no longer are sent to parents without the authorization of the student. Such authorization may be signed at the Registrar's Office.

Grade reports will be mailed to the **home address** on August 6, 1984. A stamped, self-addressed envelope must be left in the Scheduling Office, Gilchrist 244, if the grade report is to be sent to an address other than the home address.



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## Learning Skills Services

Many students are surprised to find that learning skills which were adequate for high school studies are not adequate for university studies. The Learning Skills Center provides a number of services which help students strengthen current skills and develop new learning skills so that they are prepared to meet the challenge of studies at the college level.

The **Learning Strategies Program** offers two courses:

Speed Reading  
Effective Study Strategies

The courses are seven weeks long and meet for two 50-minute sessions each week. Both courses are free, non-credit and open to any UNI student.

Registration: June 4-8  
Classes begin: June 11

In addition you are encouraged to request an appointment with a learning strategies instructor if you have a question or concern about studying.

The **Writing Program** offers individual appointments either on a one-time basis or as a continuing tutorial, depending upon your needs. If you have any question(s) regarding writing, call the Center or come in to request an appointment.

To register for a course or request an appointment, call or come to the **Learning Skills Center, 37 Auditorium, 273-2345**.

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## UNI Day Care Center

Education Center 103

Summer Hours 7:00 a.m.-3:30 p.m.

Advanced registration for children, ages 2-5, is recommended.

Advanced registration forms and information available from:

Ms. Sharyl Ritschel  
Education Center 103  
273-2263

or

Department of Curriculum and Instruction  
273-2167

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## Student Records

Under the provisions of the Family Educational Rights and Privacy Act of 1974, students attending or who have attended institutions of post-secondary education have the right to inspect and review education records. Students may obtain copies of their education records by paying the cost (10¢ per page) of reproducing material. If a student wishes to see a record, the usual procedure is to contact the custodian of the record. The record will be reviewed in the presence of the person in charge of the record or someone designated by that person. The custodians of education records must respond within 45 days to a student's request to see the record.

If the student has a question concerning information in the record, efforts should be made on an informal basis to resolve the issue. If the informal procedure does not result in a satisfactory resolution, either party may request a hearing before the Student Records Hearing Panel. This Panel is composed of two students, two faculty members, and two administrators.

The university will not permit access to, or the release of, education records or personally identifiable information contained therein (other than Directory Information) to anyone other than the student, university faculty and staff, and officials named in the Act, without the written consent of the student. This written consent must be: 1) signed and dated; 2) specify the records to be released; 3) specify the reasons for such release; and 4) must name the person to whom the record is to be released. This means that parents, spouses, relatives, and friends of students cannot obtain transcripts, registration materials, grade reports, or any other information from a student's record without the written consent of the student. Information may be released in compliance with a judicial order, or pursuant to any lawfully issued subpoena, upon condition that the student is notified of all such orders or subpoenas in advance of the compliance therewith by the university. A communication addressed to the student at the last known address will be considered notification.

The university may release the following "Directory Information" to anyone who requests it without the consent of the student unless the student has requested the university **not** to release any or all of the information.

1. Student's name, university address, and telephone number.
2. Parents' names, address, and telephone number.
3. Date and place of student's birth.
4. College.
5. Curriculum [major(s) and minor(s)].
6. Classification (year in school).
7. Participation in recognized organizations, activities, and sports.
8. Weight and height of members of athletic teams.
9. Currently enrolled (class schedule).
10. Dates of attendance.
11. Degrees and awards received.
12. The most recent previous educational agency or educational institution attended.

Students desiring to restrict the release of any of the above information should contact the Registrar's Office and fill out the appropriate form. Students also may fill out a form at the Registrar's Office authorizing the release of other information if they so desire.

Students who have questions concerning their rights under this Act may contact the Registrar's Office for pertinent information.



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## Dates to Observe

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Tues., June 5 — Classes begin.

Fri., June 8, 4:30 p.m. — Last day to add first 4-week session course for credit.

Fri., June 8, 4:30 p.m. — Last day to drop first 4-week session course with no report.

Fri., June 8, 4:30 p.m. — Last day to change first 4-week session course to or from Audit.

Fri., June 8, 4:30 p.m. — Fees for first 4-week courses based on load at 4:30 p.m.

Wed., June 13, 4:30 p.m. — Last day to add 8-week session course for credit.

Wed., June 13, 4:30 p.m. — Last day to drop 8-week session course with no report.

Wed., June 13, 4:30 p.m. — Last day to change 8-week session course to or from Audit.

Wed., June 13, 4:30 p.m. — Fees for 8-week courses based on load at 4:30 p.m.

Wed., June 13, 4:30 p.m. — Last day to change 8-week or first 4-week session course without \$5.00 charge.

Fri., June 15, 4:30 p.m. — Last day to drop first 4-week session course without "F".

Fri., June 15, 4:30 p.m. — Last day to change first 4-week session course to or from ungraded credit. (See \*note below.)

Fri., June 29, 4:30 p.m. — Last day to drop 8-week session course without "F".

Fri., June 29, 4:30 p.m. — Last day to change 8-week session course to or from ungraded credit. (See \*note below.)

Mon., July 2 — Second 4-week session begins; 8-week session continues.

Wed., July 4 — Legal Holiday — No classes; all university offices closed.

Thur., July 5, 4:30 p.m. — University bill is due.

Fri., July 6, 4:30 p.m. — Last day to add second 4-week session course for credit.

Fri., July 6, 4:30 p.m. — Last day to drop second 4-week session course with no report.

Fri., July 6, 4:30 p.m. — Last day to change second 4-week session course to or from Audit.

Fri., July 6, 4:30 p.m. — Fees for second 4-week courses are based on load at 4:30 p.m.

Fri., July 6, 4:30 p.m. — Last day to change a second 4-week course without \$5.00 charge.

Fri., July 13, 4:30 p.m. — Last day to drop second 4-week session course without "F".

Fri., July 13, 4:30 p.m. — Last day to change second 4-week session course to or from ungraded credit. (See \*note below.)

Fri., July 27 — Summer sessions end.

Fri., July 27 — Commencement.

Mon., August 6, 4:30 p.m. — University bill is due.

\*Students are reminded that only one change per course may be made to or from ungraded basis. Once a change has been made, the student cannot again change that course to or from ungraded credit.

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## Abbreviations of Classroom Building Names

A-2	Art 2
ANL	Anthropology Lab.
Aud	Auditorium
Bak	Baker Hall
BRC	Biology Research Complex
CAC	Communication Arts Center
CER	Ceramics Studio
CUE	Center for Urban Education (CUE is located at 715 East 4th Street, Waterloo, Iowa. Students enrolling for classes at CUE must provide their own transportation.)
EdC	Education Center
EPI	East Pool
ErG	Erickson Garage
EST	East Gymnasium (formerly Women's Gymnasium)
GNA	Greenhouse Annex
HMH	Home Management House
ITC	Industrial Technology Center
LAT	Latham Hall (formerly Arts and Industries)
Lib	Library
PEC	Physical Education Center
Phy	Physics
PLS	Price Laboratory School
P-1	Psychology I
Rsl	Russell Hall
Sab	Sabin Hall
SHC	Student Counseling and Health Center
Sci	Science
Srl	Seerley Hall
SWT	Strayer-Wood Theatre
WRT	Wright Hall
WST	West Gymnasium (formerly Men's Gymnasium)



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm	Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
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## 00 INDIVIDUAL STUDIES

### 8-Week Session (June 5 - July 27)

ALL STUDENTS registering for 00:192, Section 1, 00:196, 00:197, or 00:198, ARE TO ATTEND THE GENERAL MEETING AT 3:30 p.m., THURSDAY, JUNE 7, IN BAKER HALL 59. Students enrolling for Self-Forming Seminar, Interdisciplinary Readings, Undergraduate Thesis, or Individual Study Projects must fill out a prospectus outlining their proposed area of study and turn in the signed forms to the Individual Studies Office. Guidelines and details concerning prospectuses, important deadlines, role of faculty consultant, and suggestions for organizing independent study are available in the Individual Studies Program Office, Baker 59, 273-2504.

00:192	Exploratory Seminar Self-Forming	1	1-3	arr	arr	Hash	Bak	59
	(Prospectus to be filed in Baker 59 by Tuesday, June 12. For small groups of two to twelve students interested in a common area of independent study.)							
00:196	Interdisciplinary Readings	1	1-3	arr	arr	Hash	Bak	59
	(Each student will attach a specialized reading list to prospectus for this course. Prospectus to be filed in Baker 59 by Tuesday, June 12.)							
00:197	Undergraduate Thesis (Registration requires written approval of Individual Studies Director)	1	3-6	arr	arr	Hash	Bak	59
	(Prospectus to be filed in Baker 59 by Tuesday, June 12. Open only to students who have been approved by the Individual Studies Board. This course is required for graduation with Individual Honors.)							
00:198	Individual Study Project	1	1-3	arr	arr	Hash	Bak	59
	(Prospectus to be filed in Baker 59 by Tuesday, June 12.)							

## 01 UNIVERSITY, INTERDISCIPLINARY

### First 4-Week Session (June 5 - June 29)

01:070	Human Relations: Awareness and Application	80	3	1-3:10	Daily		EdC	182
								183

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK

## 08 MILITARY SCIENCE

### Special Programs

08:099	Fundamentals of Military Organization and Operation (Registration required written approval of Instructor)	1	4	8-5:00	Daily	Lawson		
	(Summer compression course. Conducted May 14-25 only, University of Iowa campus. Student housing available. This course qualifies students for entry into Advanced ROTC.)							
08:192	Military Science Leadership Practicum (Registration requires written approval of Instructor)	1	4-6	arr	arr	Anderson		
	(ROTC Advanced Camp, Fort Lewis, Washington. Six weeks in length.)							

## 12 ACCOUNTING

All students registering for Accounting courses must go to the registration area in the Seerley lobby for School of Business approval.

All students taking courses from the School of Business must attend the first two classes or the first night class or they MAY be dropped from the course.

Students registering for 100-level courses must be juniors and declared majors.

### 8-Week Session (June 5 - July 27)

12:030	Principles of Accounting I (Sophomore standing)	1	3	7:30	Daily	Davis	Sr1	134
		2		9:50	Daily	Norem	Sr1	134
		3		11:00	Daily	Andreessen	Sr1	102
		4		1:00	Daily	Norem	Sr1	134
12:031	Principles of Accounting II (C- or better in 12:030)	1	3	8:40	Daily	Nicholas	Sr1	202
		2		9:50	Daily		Sr1	102
		3		1:00	Daily		Sr1	202
12:129	Intermediate Accounting I (12:031)	1	3	8:40	Daily	Andreessen	Sr1	134
12:130	Intermediate Accounting II (12:129)	1	3	11:00	Daily	Davis	Sr1	134
12:131g	Cost Accounting (12:031)	1	3	7:30	Daily	Rod	Sr1	102
12:132g	Income Tax	1	3	8:40	Daily	Halverson	Sr1	102
12:169g	Internship - Accounting (Open only to qualified majors in Accounting with at least a 2.50 GPA. Registration requires written approval of Department Head)	1	2-8	arr	arr	Halverson	Sr1	26
12:170g	Special Problems - Accounting (Registration requires written approval of Department Head)	1	1-3	arr	arr	Halverson	Sr1	26
12:179	Cooperative Education (Registration requires written approval of Department Head)	1	1-6	arr	arr	Halverson	Sr1	26

## 13 MARKETING

All students registering for Marketing courses must go to the registration area in the Seerley lobby for School of Business approval.

All students taking courses from the School of Business must attend the first two classes or the first night class or they MAY be dropped from the course.

Students registering for 100-level courses must be juniors and declared majors.

### 8-Week Session (June 5 - July 27)

13:140g	Consumer Behavior and Marketing Decisions (13:152)	1	3	11:00	Daily	Clayson	Sr1	235
13:169g	Internship - Marketing (Senior standing; 2.50 or better cumulative UNI GPA; and written approval of Department Head)	1	2-8	arr	arr	Corbin	Sr1	137
13:170g	Entrepreneurship and Small Business Management (13:140; 13:151)	1	3	9:50	Daily	Diamond	Sr1	234
13:175g	Marketing Strategy and Analysis (13:140; 13:151)	1	3	6-8:50	TTh eve	N. Wilson	Sr1	111



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>13 MARKETING (CONTINUED)</b>							
<u>8-Week Session (June 5 - July 27) (Continued)</u>							
13:179	Cooperative Education in Marketing (Registration requires written approval of Department Head; offered only on ungraded - credit/no credit basis)	1	1-6	arr	arr	Corbin	Sr1 137
13:180g	Special Problems - Marketing (Registration requires written approval of Department Head)	1	1-3	arr	arr	Corbin	Sr1 137
13:259	Marketing Strategy and Analysis (13:152; registration requires written approval of MBA Advisor)	1	3	6-8:50	TTh eve	N. Wilson	Sr1 111
13:285	Individual Readings (Registration requires written approval of MBA Advisor)	1	1-3	arr	arr	Corbin	Sr1 137
13:297	Practicum (Registration requires written approval of MBA Advisor)	1	1-3	arr	arr	Corbin	Sr1 137
13:299	Research (Registration requires written approval of MBA Advisor)	1	1-6	arr	arr	Corbin	Sr1 137

## First 4-Week Session (June 5 - June 29)

13:152	Principles of Marketing (Junior standing and 92:024 or 92:053)	80	3	1-3:10	Daily	Kagan	Sr1 306
13:179	Cooperative Education in Marketing (Registration requires written approval of Department Head; offered only on ungraded - credit/no credit basis)	80	1-6	arr	arr	Corbin	Sr1 137

## Second 4-Week Session (July 2 - July 27)

13:152	Principles of Marketing (Junior standing and 92:024 or 92:053)	90	3	9:50-12	Daily	Brooks	Sab 7
13:179	Cooperative Education in Marketing (Registration requires written approval of Department Head; offered only on ungraded - credit/no credit basis)	90	1-6	arr	arr	Corbin	Sr1 137

# 14 SECRETARIAL

All students registering for Secretarial courses must go to the registration area in the Seerley lobby for School of Business approval.

All students taking courses from the School of Business must attend the first two classes or the first night class or they MAY be dropped from the course.

Students registering for 100-level courses must be juniors and declared majors.

## 8-Week Session (June 5 - July 27)

14:047	Typewriting I	1	2	9:50	Daily	Timpany	Sr1 326
14:050	Typewriting II (14:047 or typing speed of 30 GWAM)	1	2	11:00	MMF	Timpany	Sr1 326
	+ 3 hours arranged lab time						
14:051	Typewriting III (14:050; typing speed of 40 GWAM; or 1 year of high school typing or equivalent)	1	2	11:00	MMF	Timpany	Sr1 326
	+ 3 hours arranged lab time						

# 15 MANAGEMENT

All students registering for Management courses must go to the registration area in the Seerley lobby for School of Business approval.

All students taking courses from the School of Business must attend the first two classes or the first night class or they MAY be dropped from the course.

Students registering for 100-level courses must be juniors and declared majors.

## 8-Week Session (June 5 - July 27)

15:020	Quantitative Methods for Business (Recommended: 4 years high school mathematics or 80:040)	1	3	8:40	Daily	Birru	Sr1 201
		2		9:50	Daily	Bernardo	Sr1 201
15:070	Business Statistics (C- or better in 15:020)	1	3	8:40	Daily	Clayson	Sr1 234
		2		9:50	Daily	Wilmesmeier	Sr1 202
15:151g	Corporation Finance (12:031; 15:070 or equivalent; 92:053; 92:054, Business Education majors may substitute 92:024 for 92:054)	1	3	11:00	Daily	Rappaport	Sr1 201
15:169g	Management Internship (Open only to qualified majors in Business with at least a 2.50 GPA. Registration requires written approval of Department Head)	1	2-8	arr	arr	McAdams	Sr1 137
15:170g	Special Problems (Registration requires written approval of Department Head)	1	1-3	arr	arr	McAdams	Sr1 137
	Law	2	1-3	arr	arr	Evenson	Sr1 38
	Finance	3	1-3	arr	arr	McAdams	Sr1 137
15:175	Business Policy and Strategy (Senior Business majors; completion of rest of Business Core)	1	3	1:00	Daily	Rappaport	Sr1 102
15:179	Cooperative Education (Registration requires written approval of Department Head)	1	1-6	arr	arr	McAdams	Sr1 137
15:259	Organizational Development and Change (Registration requires written approval of MBA Advisor)	1	3	6-8:30	MMF eve	Frost	Sr1 235
15:285	Individual Readings (Registration requires written approval of MBA Advisor)	1	1-3	arr	arr	McAdams	Sr1 137
15:297	Practicum (Registration requires written approval of MBA Advisor)	1	1-3	arr	arr	McAdams	Sr1 137
15:299	Research (Registration requires written approval of MBA Advisor)	1	1-3	arr	arr	McAdams	Sr1 137

## First 4-Week Session (June 5 - June 29)

15:100	Introduction to Law and the Legal System (Junior standing)	80	3	8:40-10:50	Daily	Evenson	Sr1 235
15:101g	Business Law I	80	2	1:00	Daily	Kirk	Sr1 201
				2:10	MMF		
15:151g	Corporation Finance (12:031; 15:070 or equivalent; 92:053; 92:054, Business Education majors may substitute 92:024 for 92:054)	80	3	1-3:10	Daily	Wyatt	Sr1 235
	* 5-7:00 p.m. June 12 and 21)						



**SUMMER 1984**

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>15 MANAGEMENT (CONTINUED)</b>							
<u>First 4-Week Session (June 5 - June 29) (Continued)</u>							
15:153	Fundamentals of Management (Junior standing)	80 3	7:30-9:40	Daily	Frost	Sr1	306
15:154	Operations Management (12:031; 15:070)	80 3	6-8:30	MTWTh eve	Ezzat	Sr1	306
15:165g	Organizational Behavior (15:070; 15:153)	80 3	1-3:10	Daily	A. Jedlicka	Sr1	234
<u>Second 4-Week Session (July 2 - July 27)</u>							
15:100	Introduction to Law and the Legal System (Junior standing)	90 3	7:30-9:40	Daily	Evenson	Sr1	235
15:102g	Business Law II	90 2	1:00 + 2:10	Daily MMF	Kirk	Sr1	201
15:153	Fundamentals of Management (Junior standing)	90 3	9:50-12	Daily	Maughan	Sr1	306

**17 BUSINESS EDUCATION**

All students registering for Business Education courses must go to the registration area in the Seerley lobby for School of Business approval.

All students taking courses from the School of Business must attend the first two classes or the first night class or they MAY be dropped from the course.

Students registering for 100-level courses must be juniors and declared majors.

8-Week Session (June 5 - July 27)

17:013	Coordinated Occupational Experience (Corequisite: Employment in an approved occupation and approval of Instructor)	1 0	arr	arr	E. Warner	Sr1	24
17:285	Individual Readings (Registration requires approval of Department Head)	1 1-2	arr	arr	E. Warner	Sr1	24
17:297	Practicum (Registration requires approval of Department Head)	1 2	arr	arr	E. Warner	Sr1	24
17:299	Research (Registration requires approval of Department Head)	1 1-6	arr	arr	E. Warner	Sr1	24

**18 ADMINISTRATIVE MANAGEMENT**

All students registering for Administrative Management courses must go to the registration area in Seerley lobby for School of Business approval.

All students taking courses from the School of Business must attend the first two classes or the first night class or they MAY be dropped from the course.

Students registering for 100-level courses must be juniors and declared majors.

8-Week Session (June 5 - July 27)

18:070	Basic Computer Concepts (Same as 15:080)	1 3	7:30	Daily	E. Warner	Sr1	334
18:113	Business Communications I (Pass on Writing Competency Examination or equivalent)	1 3	1:00	Daily	Nantz	Sr1	111
18:299	Research (Registration requires written approval of Department Head)	1 1-6	arr	arr	E. Warner	Sr1	24

**19 ADMINISTRATIVE MANAGEMENT (CONTINUED)**

First 4-Week Session (June 5 - June 29)

19:130g	Training and Staff Development (Junior standing)	80 3	8:40-10:50	Daily	Klink	Sr1	111
19:220	Business Report Writing (18:114 or approval of Instructor)	80 3	7:30-9:40	Daily	Handorf	Sr1	113

Second 4-Week Session (July 2 - July 27)

19:119g	Administration of Human Resources (Junior standing)	90 3	7:30-9:40	Daily	Reed	Sr1	111
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**20 EDUCATIONAL PSYCHOLOGY**

The Professional Sequence for Teacher Education is comprised of the following courses:

Level I	20:017, 20:030
Level II	20:018, 20:040, 25:050
Level III	26:119

8-Week Session (June 5 - July 27)

20:017	Field Experience: Exploring Teaching (Corequisite: 20:030) REGISTRATION REQUIRES WRITTEN DEPARTMENTAL APPROVAL, EdC 617 (Hours will be arranged at Price Laboratory School between 8:30 and 12:00)	1 1	arr	arr	Dunbar	PLS	
20:018	Field Experience: Teacher As A Change Agent (20:017, 20:030) (Corequisites: 20:040, 25:050) REGISTRATION REQUIRES WRITTEN DEPARTMENTAL APPROVAL, EdC 617 (Hours will be arranged at Price Laboratory School between 8:30 and 12:00)	1 1	arr	arr	Dedrick	PLS	
20:030	Dynamics of Human Development (Corequisite: 20:017)	1 3	1-2:15	MTWTh	Dunbar	EdC	422
20:040	Nature and Conditions of Learning (20:017, 20:030) (Corequisite: 20:018) (Pre- or corequisite: 25:050)	1 3	7:30	Daily	Wilson	EdC	325
20:194g	Clinical Experience (Registration requires written approval of Instructor)	1 1-4	arr	arr	Scott	EdC	159A
20:214	Advanced Educational Psychology	1 3	9:50	Daily	Dedrick	EdC	325
20:270	Psychology of Learning Disabilities (25:181)	1 3	9:50	Daily	Wilson	EdC	182
20:285	Readings in Educational Psychology	1 1-6	arr	arr	Kavich	EdC	617
20:290	Practicum in Education and Psychology (Registration requires written approval of Instructor)	1 3	arr	arr	Schmits	EdC	157
	School Psychology	2 3	arr	arr	Schmits	EdC	157
20:299	Research (Registration requires written approval of Department Head, EdC 617)	1 1-6	arr	arr	Kavich	EdC	617
		2	arr	arr	Smith	EdC	617

First 4-Week Session (June 5 - June 29)

20:151g	Current Approaches to Classroom Discipline (20:030, 20:040, or equivalent, Junior standing)	80 3	9:50-12	Daily	Froyen	EdC	320
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SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>20 EDUCATIONAL PSYCHOLOGY (CONTINUED)</b>							
<u>Special Programs</u>							
20:100g	Child Psychology (June 5-15)	1 2	7:30-10:30	Daily	Taylor	EdC	420
	+ hours arr						
20:159g	Multicultural Theories: Applied to Schools (June 5-22)	9 3	1-4:00	Daily	Brown	EdC	421
	+ hours arr						

**21 ELEMENTARY AND MIDDLE SCHOOL/JUNIOR HIGH**

8-Week Session (June 5 - July 27)

21:142g	Methods in Elementary Science	1 2	2:00	MTWTh	Heller	EdC	121
21:289	Seminar in Education: Elementary and Early Childhood	1 2	9:50-12	TTh	Heller	EdC	121

First 4-Week Session (June 5 - June 29)

21:254	The Gifted Child	80 3	8:40-10:50	Daily	Cannella	EdC	123
	+ 5 hours arr						

Second 4-Week Session (July 2 - July 27)

21:152g	Elementary Curriculum (No credit for students with credit in 21:101)	90 3	9:50	Daily	Aldridge	EdC	122
	+ 11:00 TTh						
	+ 3 hours arr						

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

**22 SPECIAL EDUCATION**

8-Week Session (June 5 - July 27)

22:170g	Educational Management of the Handicapped I (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:174, 22:192)	1 3	1-3:30	MW	Raschke	EdC	323
22:171g	Educational Management of the Handicapped II (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:18x, 22:192)	1 3	3:30-6	MW	Etscheidt	EdC	128
22:174g	Teaching the Handicapped (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:170, 22:192)	1 2	1-2:40	TTh	Callahan	EdC	128
22:180g	Teaching the Handicapped: Primary (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:171, 22:192)	1 3	1-3:30	TTh	Raschke	EdC	124
22:181g	Teaching the Handicapped: Secondary (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:171, 22:192)	1 3	3:30-6	TTh	Callahan	EdC	113
22:182g	Teaching the Handicapped: Intermediate (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:171, 22:192)	1 3	1-3:30	TTh	Etscheidt	EdC	423
22:183g	Teaching the Handicapped: Preadademic/Preschool (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:171, 22:192)	1 3	1-3:30	TTh	Nietupski	EdC	129
22:184g	Home-School Relationships for Special Education (Registration requires written approval of Department of Special Education, EdC 150A)	1 3	1-3:30	MW		EdC	128

**22 SPECIAL EDUCATION (CONTINUED)**

8-Week Session (June 5 - July 27) (Continued)

22:187g	Teaching the Handicapped: Profound (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:171, 22:192)	1 3	3:30-6	TTh	Hamre-Nietupski	EdC	128
22:192g	Experience in Special Education (Registration requires written approval of Department of Special Education, EdC 150A) Tutorial (Corequisites: 22:170, 22:174)	1 2	arr arr		Raschke/Callahan	EdC	137
	Primary (Corequisites: 22:171, 22:180)	4	arr arr		Etscheidt/Raschke	EdC	137
	Intermediate (Corequisites: 22:171, 22:182)	5	arr arr		Etscheidt	EdC	137
	Severe/Profound (Corequisites: 22:171, 22:187)	8	arr arr		Etscheidt/Hamre-Nietupski	EdC	137
	Secondary (Corequisites: 22:171, 22:181)	12	arr arr		Etscheidt/Callahan	EdC	137
	Preadademic (Corequisites: 22:171, 22:183)	13	arr arr		Etscheidt/Nietupski	EdC	137
	Preschool (Corequisites: 22:171, 22:183)	14	arr arr		Etscheidt/Nietupski	EdC	137
22:240	The Consultation Process in Special Education (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:245, 22:290)	1 3	8:40	Daily	Little	EdC	128
22:245	Resource Strategies for the Handicapped (Registration requires written approval of Department of Special Education, EdC 150A) (Corequisites: 22:240, 22:290)	1 3	9:50	Daily	Little	EdC	128
22:252	Community Resources for Special Education (Registration requires written approval of Department of Special Education, EdC 150A)	1 3	3:30-6	TTh	Courtage	EdC	129
22:289	Seminar in Special Education (Registration requires written approval of Department of Special Education, EdC 150A)	1 2	1-3:30	TTh		EdC	420
22:290	Practicum in Special Education (Registration requires written approval of Department of Special Education, EdC 150A) Interdisciplinary	1 2	1-3:30	MW	Courtage	EdC	129
	Supervision	4	arr arr		Thompson	EdC	150B
	Consultation (Corequisites: 22:240, 22:245)	8	arr arr		Little	EdC	128

First 4-Week Session (June 5 - June 29)

22:150g	The Exceptional Child	80 3	12-2:00	Daily		EdC	123
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**23 READING AND LANGUAGE ARTS**

8-Week Session (June 5 - July 27)

23:110g	Reading and Language Arts	1 5	9:50	Daily	Euchner	EdC	120
	+ 11:00 MWF						
23:113g	Teaching Expressive Language Arts	1 3	8:40	Daily	Harms	EdC	116
23:132g	Reading in Content Areas	1 2	1:00	MWF	Heller	EdC	113
23:140g	Diagnostic Teaching of Reading and Language Arts (23:110 or 23:130)	1 3	11:00	Daily	S. Moore	EdC	142



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>23 READING AND LANGUAGE ARTS (CONTINUED)</b>							
<u>8-Week Session (June 5 - July 27) (Continued)</u>							
23:147g	Remedial Reading (23:140) (Corequisite: 23:192) (Registration requires written approval of Instructor)	1 3	12-2:30	TTh	Hatcher	EdC	142
23:192g	Experience in Reading: Tutoring (23:140) (Corequisite: 23:147) (Registration requires written approval of Instructor)	1 3	arr	arr	Hatcher	EdC	159C
23:238	Diagnosis of Reading Problems (23:147) (Registration requires written approval of Instructor)	1 3	1:00	MWF	D. Moore	EdC	142
		+	2:00	MW			
23:240	Language, Learning, and Reading Disability (23:238)	1 3	11:00	TThF	D. Moore	EdC	144
		+	12:00	TTh			
23:289	Seminar (Registration requires written approval of Instructor)	1 2	12:00	MWF	Ratekin	EdC	144
23:290	Practicum (Registration requires written approval of Instructor)	1 2	arr	arr	Ratekin	EdC	610
23:299	Research (Registration requires written approval of Dr. Ratekin)	1 3	arr	arr			

First 4-Week Session (June 5 - June 29)

23:044	Children's Literature	80 3	1-3:10	Daily	Aldridge	EdC	120
23:210	Recent Research in Reading	80 3	9:50-12	Daily	Hosier	EdC	113

Second 4-Week Session (July 2 - July 27)

23:212	Psychology of Reading	90 3	9:50-12	Daily	Ratekin	EdC	113
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WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

**24 EDUCATIONAL MEDIA**

8-Week Session (June 5 - July 27)

Lab fees are not refunded after the last official day to add a class.

24:032	Audio-Visual Equipment Maintenance (Registration requires written approval of Instructor)	1 1	arr	arr	Eller	Com	220
24:131g	Resources for Communications (Lab fee \$10.00)	1 3	9:50-12	TTh	Kueter	EdC	252
		+	2 hours lab	arr			
24:138g	Graphics Production (24:031, 24:131, or equivalent) (Lab fee \$25.00) (Registration requires written approval of Instructor)	1 3	9:50-12	MW	Dykstra	Commons Studio B	
		+	3 hours lab	arr			
24:147g	Photography (Lab fee \$25.00)	1 3	1-4:20	TTh	Goro	Commons Studio A	
24:155g	Audio Production (Registration requires written approval of Instructor) (Lab fee \$10.00)	1 2	1-3:10	TTh	Marchesani	EdC	130A
24:156g	Multi-Image Production (Registration requires written approval of Instructor) (Lab fee \$10.00)	1 2	2:10-4:20	MW	Hinshaw	Commons Studio A	

**24 EDUCATIONAL MEDIA (CONTINUED)**

8-Week Session (June 5 - July 27) (Continued)

24:160	Media Projects (Registration requires written approval of Instructor)						
	Television (24:150)	1 1-4	arr	arr	Marchesani	EdC	012
	Graphics (24:031 or 24:131, 24:138) (Lab fee \$25.00)	2 1-4	arr	arr	Dykstra	Com	121
	Film (24:151, 24:152) (Lab fee \$10.00)	3 1-4	arr	arr	Hardman	Com	210
	Photography (24:147) (Lab fee \$25.00)	4 1-4	arr	arr	Goro	Com	121
	Multi-Media Communications (24:031 or 24:131, 24:137) (Lab fee \$10.00)	5 1-4	arr	arr	Hinshaw	Com	121D
24:186	Studies in Media (Registration requires written approval of Dr. Hardman, Commons 210)	1 1-4	arr	arr	Hardman	Com	210
24:189	Readings in Media (Registration requires written approval of Dr. Hardman, Commons 210)	1 1-3	arr	arr	Hardman	Com	210
24:232	Selection and Integration of Materials (Registration requires written approval of Dr. Hardman, Commons 210)	1 2-3	arr	arr	Hardman	Com	210
24:235	Media Administration	1 3	8:40-12	TTh	Hardman	Commons Studio B	
24:260	Advanced Media Projects (Registration requires written approval of Instructor)						
	Television (24:150)	1 1-4	arr	arr	Marchesani	EdC	012
	Graphics (24:031 or 24:131, 24:138) (Lab fee \$25.00)	2 1-4	arr	arr	Dykstra	Com	121
	Film (24:151, 24:152) (Lab fee \$10.00)	3 1-4	arr	arr	Hardman	Com	210
	Photography (24:147) (Lab fee \$25.00)	4 1-4	arr	arr	Goro	Com	121
	Multi-Media Communications (24:031 or 24:131, 24:137) (Lab fee \$10.00)	5 1-4	arr	arr	Hinshaw	Com	121D
24:285	Readings in Media (Registration requires written approval of Instructor)	1 1-3	arr	arr	Kueter	EdC	642
24:286	Studies in Media (Registration requires written approval of Dr. Hardman, Commons 210)	1 1-4	arr	arr	Hardman	Com	210
24:289	Seminar in Educational Media	1 2	12:00	MW	Kueter	EdC	121
		+	12-2:00	F			
24:297	Practicum in Educational Media (Registration requires written approval of Dr. Hardman, Commons 210)	1 2-3	arr	arr	Hardman	Com	210
24:299	Research in Educational Media (Registration requires written approval of Department Head)	1 2	arr	arr	Kueter	EdC	642
		2	arr	arr	Wedman	EdC	622
<u>First 4-Week Session (June 5 - June 29)</u>							
24:031	Audio-Visual Communications (Lab fee \$10.00)	80 3	8:40-10:50	Daily	Wedman	Commons Studio A	
		+	1 hour lab	arr			
24:232	Selection and Integration of Materials (Registration requires written approval of Dr. Hardman, Commons 210)	80 2-3	arr	arr	Hardman	Com	210
<u>Second 4-Week Session (July 2 - July 27)</u>							
24:232	Selection and Integration of Materials (Registration requires written approval of Dr. Hardman, Commons 210)	90 2-3	arr	arr	Hardman	Com	210



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>25 MEASUREMENT AND RESEARCH</b>							
<u>8-Week Session (June 5 - July 27)</u>							
25:180g	Statistical Methods in Education and Psychology (A fee will be assessed for classroom materials)	1 3	8:40	Daily	Erickson	EdC	423
25:181g	Group Evaluation Techniques	1 3	7:30	Daily	Rhum	EdC	423
25:205	Educational Research	1 3	11:00	Daily	Smith	EdC	423
25:284	Psychodynamics III (25:283)	1 3	arr	arr	Scott	EdC	159A
25:299	Research (Registration requires approval of Department Head, EdC 617)	1 1-6	arr	arr	Erickson	EdC	607
25:300	Descriptive Educational Research (For doctoral students only)	1 3	12:00	Daily	Strathe	EdC	420

## First 4-Week Session (June 5 - June 29)

25:050	Classroom Evaluation Instruments (20:017, 20:030) (Corequisites: 20:018, 20:040)	80 3	9:50-12	Daily	Lee	EdC	323
25:205	Educational Research	80 3	8:40-10:50	Daily	Rogers	EdC	425

# 26 SOCIAL FOUNDATIONS

## 8-Week Session (June 5 - July 27)

26:119	Schools in American Society (20:018, 20:040, 25:050)	1 4	8:40-10:50	MTWTh	Berg	EdC	322
		2	1-3:10	MTWTh	Reppas	EdC	322

## First 4-Week Session (June 5 - June 29)

26:234	Philosophy of Education	80 3	1-3:50	MTWTh	Rutkowski	EdC	425
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WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

# 27 EDUCATIONAL ADMINISTRATION

## 8-Week Session (June 5 - July 27)

27:201	Introduction to Educational Administration (Formerly 27:102)	1 3	7:30	Daily	Albrecht	EdC	406
27:204	School and Community Relations	1 3	7:30	Daily		EdC	531
27:212	Supervision of the Elementary School	1 3	11:00	Daily	Krajewski	EdC	406
27:220	Administration of the Elementary School Curriculum	1 3	9:50	Daily	Doud	EdC	406
27:221	Administration of the Elementary School (One year teaching experience; 27:201)	1 3	11:00	Daily	McCumsey	EdC	531
27:225	Organization, Governance and Administration of Public Education (Registration requires written approval of Department Head)	1 3	7:30	Daily	Carver	EdC	403
27:226	Supervision of the Secondary School	1 3	11:00	Daily	Krajewski	EdC	406
27:227	Administration of the Secondary School Curriculum	1 3	9:50	Daily	Albrecht	EdC	531

# 27 EDUCATIONAL ADMINISTRATION (CONTINUED)

## 8-Week Session (June 5 - July 27) (Continued)

27:228	Administration of the Secondary School (One year teaching experience; 27:201)	1 3	11:00	Daily	Moore	EdC	425
27:230	School Laws	1 3	8:40	Daily	McCumsey	EdC	531
27:241	School Buildings and Sites (27:201 or equivalent) (Registration requires written approval of Department Head)	1 2	12-4:00	Th	Thomson	EdC	406
27:250	Teaching in College	1 3	8:40	Daily	Kimball	EdC	406
27:285	Readings in School Administration (Registration requires written approval of Instructor)	1 1-3	arr	arr		EdC	508
27:290	Practicum in School Administration (May be taken in more than one area; only twice for credit in same area - requires written approval of Instructor for each section)	3 3	arr	arr	Hanson	EdC	524
	Curriculum and Supervision (Ed.S.)	4 3	arr	arr	Hanson	EdC	524
27:299	Research (Registration requires written approval of Instructor)	1 1-3	arr	arr		EdC	508

## First 4-Week Session (June 5 - June 29)

27:240	School Finance (27:201 or equivalent)	80 3	12-2:30	Daily	Hanson	EdC	531
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## Second 4-Week Session (July 2 - July 27)

27:243	School Business Management (27:240 and written approval of Instructor) (\$5.00 material fee)	90 3	12-2:30	Daily	Hanson	EdC	531
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# 28 STUDENT TEACHING

Summer student teaching is offered only to students who have had teaching experience and can complete a degree program at this university during the summer session of 1984. Student teaching will be offered only in the elementary grades for 4 semester hours of credit. The session at Price Laboratory School begins on June 11 and terminates on July 20, 1984, for 28:132-150 enrollees. Interested students should file applications no later than April 15 with the Office of Student Field Experiences, Room 41, Auditorium Building, UNI.

## 8-Week Session (June 5 - July 27)

28:132	Early Childhood Teaching (Professional Sequence - Levels I and II, Professional Semester, and approval of major department(s))	1 4	arr	Daily	Doud	PLS	
28:134	Lower Elementary Teaching (Professional Sequence - Levels I and II, Professional Semester, and approval of major department(s))	1 4	arr	Daily	Doud	PLS	
28:135	Special Education Teaching (Professional Sequence - Levels I and II, Phases I and II, Professional Semester, and approval of major department(s))	1 4	arr	Daily	Doud	PLS	
28:136	Upper Elementary Teaching (Professional Sequence - Levels I and II, Professional Semester, and approval of major department(s))	1 4	arr	Daily	Doud	PLS	
28:137	Middle School/Junior High School Teaching (Professional Sequence - Levels I and II, Professional Semester, and approval of major department(s))	1 4	arr	Daily	Doud	PLS	



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>28 STUDENT TEACHING (CONTINUED)</b>							
<u>8-Week Session (June 5 - July 27) (Continued)</u>							
28:139		Vocational/Technical Teaching (Professional Sequence - Levels I and II, and approval of major department(s)) (Beginning and ending dates arranged)	1	4 or 8	arr	Daily	
28:140		Special Area Teaching - Elementary level ONLY (Professional Sequence - Levels I and II, and approval of major department(s))	1	4	arr	Daily	Doud PLS
28:150		Laboratory Practice - Elementary (Registration requires approval of the Director of Student Field Experiences and major department(s)). The course is for experienced teachers who need student teaching to fulfill certification, endorsement, and/or approval area requirements.	1	4	arr	Daily	Doud PLS
28:250		Advanced Laboratory Practice (Registration requires approval of Director, Office of Student Field Experiences and Head, Department of Teaching) The course is for <u>graduate</u> students ONLY.	1	2-4	arr	Daily	PLS

## 29 COUNSELING

<u>8-Week Session (June 5 - July 27)</u>							
29:103g		Introduction to Professional Counseling (Limited to students with junior, senior, or graduate status)	1	3	11:00	Daily	Lembke EdC 306
29:105g		Relationship Skills (Limited to students with junior, senior or graduate status)	1	3	9:50	Daily	Strub EdC 306
29:125g		Facilitating Career Development	1	2	7:30	Daily	Lembke EdC 306
29:203		Analysis of the Individual (25:180 or 25:181 or 29:103)	1	3	7:30	Daily	EdC 421
29:205		Counseling Processes (29:105)	1	3	9:50	Daily	Smith EdC 303 305
		+ 2 hour lab					
29:210		Management Systems in Guidance (One year teaching experience or written approval of Instructor)	1	2	7:30	MMF	Strub EdC 136
29:220		Group Process (29:205 or 29:207)	1	3	11-1:00	TWTh	Frank EdC 303 305
29:226		Consultation Skills (29:205)	1	2	9:50	MMF	Vernon EdC 423
29:227		Counseling Theory (29:205 or 29:207)	1	3	8:40	Daily	Frank EdC 303 305
29:230		Student Personnel Programs in Higher Education	1	3	11:00	Daily	Kimball EdC 403
29:240		Intervention Strategies (29:205 and 29:227)	1	3	8:40	Daily	Kline EdC 403
29:285		Readings in Guidance and Counseling (Registration requires written approval of Instructor)	1	1-3	arr	arr	EdC 508
29:286		Studies in Counseling Research	2	3	11:00	Daily	Kline EdC 420
29:289		Seminar: Professional Issues in Counseling	5	1	1:00	M	Lembke EdC 406
		+ one day arr					

## 29 COUNSELING (CONTINUED)

<u>8-Week Session (June 5 - July 27) (Continued)</u>							
29:290		Practicum in Student Personnel Services (May be taken in more than one area; only twice for credit in same area) (29:205 or 29:207) (Registration requires written approval of Instructor)	1	3	arr	arr	Kimball EdC 523
		College Student Personnel Administration					
29:299		Research (Registration requires written approval of Instructor)	1	1-3	arr	arr	EdC 508
<u>Special Programs</u>							
29:112g		Stress Management (July 2-13)	1	3	1-4:30	Daily	Vernon EdC 403
		+ one day arr					
29:114g		Single Parent Family Issues (June 11-22)	1	3	1-4:30	Daily	Smith EdC 403
		+ one day arr					

## 30 SAFETY EDUCATION

<u>8-Week Session (June 5 - July 27)</u>							
30:030		Principles of Safety Education	1	3	7:30	Daily	Mazula EdC 120
30:130g		Driver and Traffic Safety I	1	3	8:40	Daily	Eland ErG
		+ 3 hours arr					
30:131g		Driver and Traffic Safety II	1	3	9:50	Daily	Eland ErG
		+ 3 hours arr					

## 31 HOME ECONOMICS

All students taking courses from the Department of Home Economics must attend the first two classes or the first night class or they MAY be dropped from the course.

Lab fees are not refunded after last official day to add a class.

### 8-Week Session (June 5 - July 27)

31:112g		Tailoring (31:018) (Lab fee \$2.00)	1	3	7:30-9:40	MTWTh	Megivern Wrt 314 308
31:195		Pre-Professional Experience (Registration requires written approval of Department Head. All major work, including business courses, must be completed.)					
		Clothing and Textiles	1	4	arr	arr	Megivern
		Foods and Nutrition	2	4	arr	arr	Conklin
		Design and Human Environment	3	4	arr	arr	Widmer

### First 4-Week Session (June 5 - June 29)

31:037		Principles of Nutrition (31:035; 86:044 or 86:048 or 86:063)	80	3	7:30-9:40	Daily	Spaide Wrt 16
31:057		Human Relationships and Sexuality	80	3	9:50-12	Daily	Wells CAC 108
31:152g		Family Relationships	80	3	9:50-12	Daily	Story Wrt 7
31:184g		Topics: Retail Display Techniques	82	3	1-4:00	Daily	Roberts Wrt 307
31:199		Study Tour: New York City					
		Interior Design	80	2	arr	arr	Widmer
		Clothing and Textiles	81	2	arr	arr	Megivern



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>31 HOME ECONOMICS (CONTINUED)</b>							
<u>Second 4-Week Session (July 2 - July 27)</u>							
31:015	Clothing Construction	i	(Lab fee \$2.00)				
90	2		9:50-1	Daily	Parrish	Wrt	314
							308
31:030	Basic Nutrition						
90	2		9:50	MTWTh	Conklin	Wrt	16
	+		11:00	MTWTh			
31:057	Human Relationships and Sexuality						
90	3		9:50-12	Daily	Wells	CAC	108
31:070	Management of Family Resources (Sophomore standing)						
90	3		7:30-9:40	Daily	Pershing	Wrt	16

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

**33 INDUSTRIAL TECHNOLOGY**

8-Week Session (June 5 - July 27)

33:020	Communication Systems						
1	2		8:40	MWF	Johnson	ITC	3
33:101g	History and Philosophy of Vocational-Technical Education						
1	2		arr	arr	Freitag	ITC	33
33:141g	Machine Tools (33:011 or approval of Instructor)						
1	4		9:50-12	Daily	Pine	ITC	6/15
33:155	Graphic Arts						
1	4		1-3:00	Daily	Johnson	ITC	6/18
33:159g	Computer-Aided Manufacturing - Robotics (33:011 or approval of Instructor)						
8	2		1-3:30	TTh	Pine	ITC	7/15
33:169g	Applied Photography (33:020 or approval of Instructor)						
1	3		9:50-12	TTh	Dennis	ITC	3/18
			+ 6 hours arr				
33:170g	Statics and Strength of Materials (88:054 or departmental approval)						
1	4		7:30-9:40	Daily	Fahmy	ITC	13/14
33:172g	Materials Testing (86:020 or 86:044; or approval of Instructor; Junior standing)						
1	2		9:50-12	MWF	Fahmy	ITC	13/14
33:179	Cooperative Education (Involves directed full-time financially-reimbursed work and study in a selected industry related to a student's technical concentration. Registration requires approval of Instructor and Advisor)						
1	3		arr	arr	Dennis	ITC	46
33:181g	Trade and Technical Course Construction						
1	2		arr	arr	Freitag	ITC	33
33:182g	Coordination of Part-time Industrial Education						
1	2		arr	arr	Freitag	ITC	33
33:186g	Studies in Drafting						
10	3		7:30-9:40	Daily	Petty	ITC	19
33:193g	Evaluation in Vocational-Technical Education (33:181 or departmental approval)						
1	2		arr	arr	Freitag	ITC	33
33:196g	Industrial Safety						
1	2		2:10-3:40	TTh	Stulken	ITC	3
33:228	Contemporary Theories						
1	2		9:50-12	TTh	Fecik	ITC	7
33:270	Research Projects in Industrial Technology (33:292 or approval of Instructor)						
1	3		7:30-9:40	TTh	L. Miller	ITC	6
			+ 2 hours arr				

**33 INDUSTRIAL TECHNOLOGY (CONTINUED)**

8-Week Session (June 5 - July 27) (Continued)

33:280	Curriculum Implementation, Management and Evaluation in Industrial Technology						
1	3		7:30-9:40	MW	White	ITC	6
			+ 1 hour arr				
33:282	Industrial Technology Seminar						
1	1		9:50-12	F	Fecik	ITC	6
33:284	Industrial Technology (Registration requires one-page written prospectus and written approval of Instructor. Technical problems selected and solved by individuals or small groups of students.)						
1	2		arr	arr	Fecik	ITC	26
33:285	Individual Readings (Registration requires written approval of Coordinator of Graduate Studies)						
1	1-3		arr	arr	White	ITC	29
33:297	Practicum (Registration requires written approval of Coordinator of Graduate Studies)						
1	2-3		arr	arr	White	ITC	29
33:299	Research (Registration requires written approval of Instructor)						
1	1-6		arr	arr	White	ITC	29
33:377	Readings in Technology and Society						
1	3		9:50-12	MW	White	ITC	2
			+ 1 hour arr				
33:388	Internship (Registration requires written approval of Instructor)						
1	3-6		arr	arr	White	ITC	29
33:399	Research (Registration requires written approval of Instructor)						
2	1-6		arr	arr	White	ITC	29

First 4-Week Session (June 5 - June 29)

33:016	Manufacturing Technology (33:011 or approval of Instructor)						
80	2		1-4:10	MWF	P. Miller	ITC	7/15
33:018	Introduction to Construction Technology (33:011 or approval of Instructor)						
80	2		7:30-10:40	MWF	Lovata	ITC	7/17
33:032	Power Systems						
80	2		7:30	Daily		ITC	3
			+ 2 hours arr				
33:117g	Computer-Aided Drafting (33:022 or 33:111; junior standing; or approval of Instructor)						
80	2		9:50-12	MWF	Bro	ITC	19
			+ 6 hours arr				
33:162g	Applied Fluid Power (33:005 and 80:048; or approval of Instructor)						
80	3		1-4:00	Daily	Tolu Honary	ITC	13

Second 4-Week Session (July 2 - July 27)

33:123g	Wood Technology I (33:121 or departmental approval)						
90	2		2-8:00	Th eve	Betts	ITC	21
	+		8-3:00	F			
33:157g	Introduction to Microcomputers (33:156; 81:070; or approval of Instructor)						
90	3		1-4:00	Daily	Pershing	ITC	10

Special Programs

33:159g	Basic Computer Programming Applications (For Industrial Arts teachers and departmental majors) (July 2-13)						
9	2		8:40-12	Daily	Bro	ITC	7
			+ hours arr				



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>35 LIBRARY SCIENCE</b>							
<u>8-Week Session (June 5 - July 27)</u>							
35:113g	Media Selection	1 3	8:40	Daily		Lib	123
35:118g	Reference (35:113)	1 3	8:40	Daily		Lib	124
35:121g	Introduction to the School Library Media Center	1 3	9:50	Daily	Johnson	Lib	123
35:132g	Library Materials for Children	1 3	1:00	Daily		Lib	124
35:225	Administration of the School Library Media Center (35:113, 35:121, and at least one other Library Science course)	1 3	7:30	Daily	McGrew	Lib	124
35:285	Individualized Readings (Registration requires written approval of Department Head)	1 1-3	arr	arr	Martin		
35:289	Seminar in Librarianship (35:225 or approval of Instructor)	1 2-3	9:50	Daily	McGrew	Lib	124
35:290	Practicum in School Librarianship (Registration requires written approval of Department Head)	1 1-4	arr	arr	Martin		
35:295	Research in Library and Information Science	1 3	11:00	Daily	Hiland	Lib	124
35:299	Research (Registration requires written approval of Department Head)	1 1-3	arr	arr	Martin		

## First 4-Week Session (June 5 - June 29)

35:110g	Libraries and Information Services	80 2	2:10	Daily	Martin	Lib	124
			3:20	TTh			

## Second 4-Week Session (July 2 - July 27)

35:210	The Profession of Librarianship (35:110)	90 1	2:10	MMF	Martin	Lib	124
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WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

# 40 PSYCHOLOGY

## First 4-Week Session (June 5 - June 29)

40:008	Introduction to Psychology	80 3	7:30-9:40	Daily	Somervill	Sab	317
40:106g	Psychology of Human Differences (40:008 and 40:049)	80 3	9:50-12	Daily	Harrington	Sab	213
40:118g	History and Systems of Psychology (One course in Psychology or departmental approval)	80 3	1-3:10	Daily	Gilgen	Sab	317
40:160	Introductory Social Psychology (40:008 or equivalent)	80 3	9:50-12	Daily	Gackenbach	Sab	217

## Second 4-Week Session (July 2 - July 27)

40:008	Introduction to Psychology	90 3	9:50-12	Daily	Wallace	Sab	213
40:120	Introduction to Developmental Psychology (40:008 or equivalent)	90 3	1-3:10	Daily	Gilpin	Sab	327
40:142g	Abnormal Psychology (40:008)	90 3	7:30-9:40	Daily	Somervill	Sab	13
40:157g	Personnel Psychology (40:008 or equivalent; junior standing or approval of Instructor)	90 3	9:50-12	Daily	Whitsett	Sab	129
40:161	Psychology of Personality (40:008)	90 3	9:50-12	Daily	Barrios	Sab	13

# 41 HEALTH

## 8-Week Session (June 5 - July 27)

41:015	Personal Health	1 2	9:50	MMF	Davis	EdC	422
		2	11:00	MMF	Cryer	EdC	422
41:168	Field Experience in Community Health Education (Registration requires written approval of Dr. Davis) (Must be taken on ungraded basis)	1 6-12	arr	arr	Davis	Wst	203
41:172g	Experiences in Cardiac Rehabilitation (Registration requires written approval of Instructor)	1 2	6:30-8	MMF am	Dolgener	PEC	216
41:185	Readings in Health Education (Registration requires written approval of Instructor)	1 1-4	arr	arr	Davis	Wst	203
41:187	Internship in Athletic Training (41:175, 42:050, 42:151)	1 1	arr	arr	Burton	PEC	134
41:299	Research (Registration requires written approval of Instructor)	1 1-6	arr	arr	Davis	Wst	203

## First 4-Week Session (June 5 - June 29)

41:010	First Aid and Personal Safety - Standard Course (Red Cross certification for those who qualify) (41:072, Cardiac Life Support, may be taken second 4 weeks, same time period, for second credit)	80 1	7:30	MMF	Sneed	Wst	206
41:175g	Prevention and Care of Athletic Injuries (42:050 or 42:124 or equivalent)	80 2	1-3:30	MTWTh	Sneed	PEC	134
41:176g	Health Education Planning and Evaluation	80 3	7:30-9:40	Daily	P. Moffit	EdC	320
41:185	Readings in Health Education (Registration requires written approval of Instructor)	80 1-4	arr	arr	Davis	Wst	203
41:299	Research (Registration requires written approval of Instructor)	80 1-6	arr	arr	Davis	Wst	203

## Second 4-Week Session (July 2 - July 27)

41:010	First Aid and Personal Safety - Standard Course (May qualify for Red Cross certification)	90 1	8:40	MMF	Stych	Wst	206
41:072	Cardiac Life Support - CPR (Basic Rescuer's Course) (May qualify for American Heart Association Certification) (41:010, First Aid, may be taken first 4 weeks, same time period, for second credit)	90 1	7:30	MMF	Stych	Wst	206
41:175g	Prevention and Care of Athletic Injuries (42:050 or 42:124 or equivalent)	90 2	1-3:30	MTWTh	Burton	PEC	142
41:185	Readings in Health Education (Registration requires written approval of Instructor)	90 1-4	arr	arr	Davis	Wst	203
41:255	Health Promotion/Risk Reduction	90 3	7:30-9:40	Daily	Richards	EdC	320
41:299	Research (Registration requires written approval of Instructor)	90 1-6	arr	arr	Davis	Wst	203

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>42 PHYSICAL EDUCATION</b>							
<u>8-Week Session (June 5 - July 27)</u>							
42:118	Practicum in Coaching (Junior standing) (Registration requires written approval of Instructor)	1 1	arr arr	Erusha	PEC	198	
42:152g	Adapted Physical Education (42:151)	1 3	9:50-11:20 Daily	Cooper	Est	305	
42:253	Advanced Exercise Physiology	1 3	11-12:30 Daily	DoTgener	EdC	325	
42:285	Readings in Physical Education (Registration requires written approval of Instructor)	1 1-4	arr arr	Doody	Wst	209A	
42:295	Internship in Physical Education (Registration requires written approval of Instructor)	1 2-4	arr arr	Doody	Wst	209A	
42:297	Practicum (Registration requires written approval of Instructor)	1 2	arr arr	Doody	Wst	209A	
42:299	Research (Registration requires written approval of Instructor)	1 1-6	arr arr	Doody	Wst	209A	

First 4-Week Session (June 5 - June 29)

42:A01	Modified Physical Education (For individuals limited to restricted activity; registration requires written approval of Instructor)	80 1	arr arr	Schwarzenbach	Wst	203	
42:A02	Beginning Target Archery	80 1	1:00 Daily + 1 hour arr	Marsh	Est	14	
42:A05	Bowling (Equipment rental and alley fee, \$31.00)	80 1	2:10-4:10 TWTh	Schwarzenbach	Wst	206	
42:A39	Canoeing (Canoe rental fee)	80 1	12-2:00 TWTh	Yager	Wst	113	
42:A16	Beginning Golf	80 1	8:40 Daily + 1 hour arr	Marsh	Dome		
		81	9:50 Daily + 1 hour arr	Marsh	Dome		
		82	11:00 Daily + 1 hour arr	K. Green	Dome		
42:A34	Personal Conditioning for Fitness and Weight Control	80 1	7:30 Daily + 1 hour arr	E. Green	PEC	186	
		81	8:40 Daily + 1 hour arr	King	PEC	186	
		82	9:50 Daily + 1 hour arr		PEC	186	
42A24	Racquetball	80 1	7:30 Daily + 1 hour arr	East	PEC	285N	
		81	8:40 Daily + 1 hour arr	East	PEC	285N	
		82	9:50 Daily + 1 hour arr	King	PEC	285N	
42:A25	Beginning Swimming (For those who have had little or no instruction; cannot swim in deep water)	80 1	8:40 Daily + 1 hour arr	Yager	Wst	113	
42:A26	Intermediate Swimming (Beginning Swimming or equivalent skill)	80 1	9:50 Daily + 1 hour arr	Yager	Wst	113	
42:A29	Advanced Lifesaving (Ability to swim 500 yards) (Red Cross certification to those who qualify)	80 1	1:00 Daily + 1 hour arr		EP1	22	

**42 PHYSICAL EDUCATION (CONTINUED)**

First 4-Week Session (June 5 - June 29) (Continued)

42:A36	Beginning Tennis	80 1	8:40 Daily + 1 hour arr	Huddleston	PEC	216	
		81	9:50 Daily + 1 hour arr	Huddleston	PEC	216	
		82	12:00 Daily + 1 hour arr	Darling	PEC	216	
		83	1:00 Daily + 1 hour arr	East	PEC	216	
42:A37	Advanced Tennis (Beginning Tennis or equivalent skill)	80 1	11:00 Daily + 1 hour arr	Berry	PEC	216	
42:A06	Aerobic Dance	80 1	7:30 Daily + 1 hour arr	Darling	Est	113	
		81	8:40 Daily + 1 hour arr	Darling	Est	113	
		82	12:00 Daily + 1 hour arr		Est	113	
42:A22	Self Defense and Rape Prevention	80 1	11:00 Daily + 1 hour arr	Huddleston	Est	113	
42:011	Aquatics - Fundamental Physical Activities (Primarily for majors and minors in Physical Education)	80 1	9:50 Daily + 1 hour arr	Yager	Wst	113	
	Intermediate Swimming (Beginning Swimming or equivalent skill)	80 1	9:50 Daily + 1 hour arr				
	Advanced Lifesaving (Ability to swim 500 yards) (Red Cross certification to those who qualify)	81 1	1:00 Daily + 1 hour arr		EP1	22	
42:012	Conditioning - Fundamental Physical Activities (Primarily for majors and minors in Physical Education)	80 1	7:30 Daily + 1 hour arr	E. Green	PEC	186	
42:013	Dance - Fundamental Physical Activities (Primarily for majors and minors in Physical Education)	80 1	7:30 Daily + 1 hour arr	Darling	Est	113	
	Aerobic Dance	81	8:40 Daily + 1 hour arr	Darling	Est	113	
42:015	Individual/Dual - Fundamental Physical Activities (Primarily for majors and minors in Physical Education)	80 1	8:40 Daily + 1 hour arr	Marsh	Dome		
	Golf	85	9:50 Daily + 1 hour arr	Marsh	Dome		
		86	11:00 Daily + 1 hour arr	K. Green	Dome		
	Tennis	81 1	12:00 Daily + 1 hour arr	Darling	PEC	216	
	Archery	87 1	1:00 Daily + 1 hour arr	Marsh	Est	14	
42:045	Physical Education for the Elementary Grades	80 2	9:50-12 Daily	Ahrabi-Fard	Est	114	
42:118	Practicum in Coaching (Junior standing) (Registration requires written approval of Instructor)	80 1-2	arr arr	Erusha	PEC	198	
42:124g	Anatomy and Kinesiology (For Coaching minors) (No credit for student with credit in 42:050 or 42:151)	80 2	1-3:10 MTWTh	East	Wst	204	
42:125g	Conditioning Theory and Practice (For Coaching minors)	80 2	9:50-12 Daily	E. Green	Wst	206	



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<u>42 PHYSICAL EDUCATION (CONTINUED)</u>							
<u>First 4-Week Session (June 5 - June 29) (Continued)</u>							
42:127g	Organization and Administration of Competitive Sports	80 2	9:50-12	Daily	Erusha	PEC	142
42:129g	Advanced Sports Theory	80 2	7:30-9:40	MTWTh	Berry	PEC	142
	Basketball	81 2	7:30-9:40	MTWTh	Mudra	Wst	204
42:168	Assisting in Physical Education (Registration requires written approval of Physical Education Coordinator, Dr. Yager)	80 1	arr	arr	Yager	Est	105
42:255	Motor Learning	80 3	9:50-12	Daily	Doody	Wst	204
42:285	Readings in Physical Education (Registration requires written approval of Instructor)	80 1-4	arr	arr	Doody	Wst	209A
42:295	Internship in Physical Education (Registration requires written approval of Instructor)	80 2-4	arr	arr	Doody	Wst	209A
42:297	Practicum (Registration requires written approval of Instructor)	80 2	arr	arr	Doody	Wst	209A
42:299	Research (Registration requires written approval of Instructor)	80 1-6	arr	arr	Doody	Wst	209A

Second 4-Week Session (July 2 - July 27)

42:A01	Modified Physical Education (For individuals limited to restricted activity; registration requires written approval of Instructor)	90 1	arr	arr	Schwarzenbach	Wst	203
42:A02	Beginning Target Archery	90 1	11:00	Daily	Bakley	Est	14
	+ 1 hour arr						
42:A05	Bowling (Equipment rental and alley fee, \$31.00)	90 1	2:10-4:10	TWTh	Schwarzenbach	Wst	206
42:A16	Beginning Golf	90 1	8:40	Daily	K. Green	Dome	
	+ 1 hour arr						
		91	9:50	Daily	K. Green	Dome	
	+ 1 hour arr						
42:A17	Advanced Golf (Beginning Golf or equivalent skill)	90 1	11:00	Daily	K. Green	Dome	
	+ 1 hour arr						
42:A18	Beginning Gymnastics	90 1	1:00	Daily	Stych	Est	214
	+ 1 hour arr						
42:A34	Personal Conditioning for Fitness and Weight Control	90 1	8:40	Daily	Dolgener	PEC	186
	+ 1 hour arr						
		91	12:00	Daily	Grosso	PEC	186
	+ 1 hour arr						
42:A24	Racquetball	90 1	8:40	Daily	Schwarzenbach	PEC	285N
	+ 1 hour arr						
		91	9:50	Daily	Schwarzenbach	PEC	285N
	+ 1 hour arr						
42:A26	Intermediate Swimming (Beginning Swimming or equivalent skill)	90 1	8:40	Daily	Cooper	EP1	22
	+ 1 hour arr						

42 PHYSICAL EDUCATION (CONTINUED)

Second 4-Week Session (July 2 - July 27) (Continued)

42:A36	Beginning Tennis	90 1	7:30	Daily	Thompson	PEC	216
	+ 1 hour arr						
		91	8:40	Daily	Marston	PEC	216
	+ 1 hour arr						
		92	9:50	Daily	East	PEC	216
	+ 1 hour arr						
42:A06	Aerobic Dance	90 1	7:30	Daily	Grosso	Est	113
	+ 1 hour arr						
		91	8:40	Daily	Grosso	Est	113
	+ 1 hour arr						
42:011	Aquatics - Fundamental Physical Activities (Primarily for majors and minors in Physical Education)	90 1	8:40	Daily	Cooper	EP1	22
	Intermediate Swimming (Beginning Swimming or equivalent skill)						
	+ 1 hour arr						
42:012	Conditioning - Fundamental Physical Activities (Primarily for majors and minors in Physical Education)	90 1	8:40	Daily	Dolgener	PEC	186
	+ 1 hour arr						
42:014	Gymnastics - Fundamental Physical Activities (Primarily for majors and minors in Physical Education)	90 1	1:00	Daily	Stych	Est	214
	Gymnastics						
	+ 1 hour arr						
42:015	Individual/Dual - Fundamental Physical Activities (Primarily for majors and minors in Physical Education)	91 1	8:40	Daily	K. Green	Dome	
	Golf						
	+ 1 hour arr						
		93	9:50	Daily	K. Green	Dome	
	+ 1 hour arr						
		94	11:00	Daily	K. Green	Dome	
	+ 1 hour arr						
	Tennis	92 1	8:40	Daily	Marston	PEC	216
	+ 1 hour arr						
	Archery	95 1	11:00	Daily	Bakley	Est	14
	+ 1 hour arr						
42:045	Physical Education for the Elementary Grades (Sophomore standing)	90 2	9:50-12	Daily	Thompson	Est	114
		91	1-3:10	Daily	Marston	Est	114
42:124g	Anatomy and Kinesiology (For Coaching minors) (No credit for student with credit in 42:050 or 42:151)	90 2	9:50-12	MTWTh	Burton	Wst	204
42:129g	Advanced Sports Theory	90 2	7:30-9:40	MTWTh	Bakley	PEC	142
	Softball					Dome	
	Track and Field	91 2	7:30-9:40	MTWTh	King	Dome	142
						PEC	
42:168	Assisting in Physical Education (Registration requires written approval of Physical Education Coordinator, Dr. Yager)	90 1	arr	arr	Yager	Est	105
42:285	Readings in Physical Education (Registration requires written approval of Instructor)	90 1-4	arr	arr	Doody	Wst	209A
42:295	Internship in Physical Education (Registration requires written approval of Instructor)	90 2-4	arr	arr	Doody	Wst	209A
42:297	Practicum (Registration requires written approval of Instructor)	90 2	arr	arr	Doody	Wst	209A
42:299	Research (Registration requires written approval of Instructor)	90 1-5	arr	arr	Doody	Wst	209A

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>43 RECREATION</b>							
<u>8-Week Session (June 5 - July 27)</u>							
43:141	Camp Counseling (Fieldwork) (Registration requires written approval of Instructor)	1 2	arr	arr	Hanson	Est	8
43:159	Leisure Services Field Experience (Registration requires written approval of Instructor)	3 3	arr	arr	Hanson	Est	8
	Special Populations	4 3	arr	arr	Hanson	Est	8
43:185	Readings in Recreation (Registration requires written approval of Instructor)	1 1-3	arr	arr	Hanson	Est	8

## First 4-Week Session (June 5 - June 29)

43:041	Fieldwork: Community Recreation (Community Recreation majors only) (Registration requires written approval of Instructor)	80 1	arr	arr	Hanson	Est	8
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## Special Programs

43:184	Senior Project in Recreation (Corequisite: 43:187) (Registration requires written approval of Professor Mertesdorf) (May 14-August 24)	1 1	arr	arr	Hanson	Est	204
43:187	Practicum in Recreation (Corequisite: 43:184) (Senior standing; registration requires written approval of Instructor) (Must be taken on credit/no credit basis) (May 14-August 24)	1 14	arr	arr	Mertesdorf	Est	204

# 45 SOCIAL WORK

## 8-Week Session (June 5 - July 27)

45:184	Field Instruction (45:192)	1 9	arr	Daily	Brennen		
		2	arr	Daily	McCullagh/Suh		
45:189	Readings in Social Work (6 hours of Social Work and written approval of Department Head. May be repeated only with approval)	1 1-3	arr	arr			

## First 4-Week Session (June 5 - June 29)

45:193g	Therapeutic Communication (45:192, or approval of Instructor)	80 3	9:50-12	Daily	Keefe	Sab	227
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## Second 4-Week Session (July 2 - July 27)

45:163	Minority Group Relations (See 98:130)						
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# 50 COMMUNICATION AND THEATRE ARTS

## 8-Week Session (June 5 - July 27)

50:026	Fundamentals of Speech	1 3	11:00	Daily	M. Renz	CAC	116
50:034	Human Communication	1 3	8:40	Daily	Phillips	CAC	116
50:139	Principles of Discussion	1 3	9:50	Daily	Skaine	CAC	116
50:161	Radio-Television Writing (Pass on Writing Competency Exam) (For Public Relations and Radio-Television majors)	1 3	11:00	Daily	Walsh	CAC	110
50:163g	Business and Professional Oral Communication	1 3	1:00	Daily	Nelson	CAC	110
50:164g	Dimensions of Interpersonal Communication (50:034 or 50:035)	1 3	9:50	Daily	Rose	CAC	110

# 50 COMMUNICATION AND THEATRE ARTS (CONTINUED)

## 8-Week Session (June 5 - July 27) (Continued)

50:169	Radio-Television Internship (Registration requires written approval of Department Head)	1 1-6	arr	arr	Walsh		
50:178	Publicity Methods	1 3	2:10	Daily	Kruckeberg	CAC	110
50:197g	Internship in Speech and Theatre (Registration requires written approval of Department Head)	1 1-6	arr	arr			
50:225	Bibliography and Methods of Research	1 3	11:00	Daily	Edelnant	CAC	106

## First 4-Week Session (June 5 - June 29)

50:035	Problems in Interpersonal Communication	80 1	8:40	MTTh	Hall	CAC	110
50:194g	Methods of Directing Forensics	80 2	1:00	Daily	Henderson	CAC	106

## Second 4-Week Session (July 2 - July 27)

50:183g	Interviewing	90 2	8:40-10:50	MTWTh	Conklin	CAC	109
50:189g	Readings in Theatre: Women in Theatre	90 2	8:40-10:50	MTWTh	Glenn	CAC	106

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

# 51 COMMUNICATIVE DISORDERS

## 8-Week Session (June 5 - July 27)

51:155	Clinical Practice (51:125 or approval of Instructor)	1 1-2	arr	arr	Harrington	CAC	217
51:157g	Introduction to Evaluation and Diagnosis (51:155; 51:156; or approval of Instructor)	1 1	9:50	TTh	Craven	CAC	236
51:159g	Hearing Conservation in the Public Schools	4 3	1:00	Daily	Plakke	CAC	217
51:159g	Language Disorders of Learning Disabled Children	5 2	12:00	MTWTh	Highnam	CAC	212
51:170g	Manual Communication	1 3	12:00	Daily	Beykirch	CAC	111
51:249	Speech Science	1 3	7:30 + 1-3:00	Daily W Lab	Harrington	CAC	212
51:255	Advanced Clinical Practice	1 1-2	arr	arr	Highnam	CAC	212
51:258	Audiology Practicum	1 1-2	arr	arr	Plakke	CAC	212
51:285	Individual Readings	1 1-2	arr	arr			
51:290	Advanced Diagnostics (Open only to graduate students in their last semester of study)	1 2	2-4:00	TTh	Hageman	CAC	236
51:299	Research (Registration requires written approval of Department Head)	1 1-4	arr	arr			



# SUMMER 1984

Dpt:Crs Sec Cr Time Days Instr Bldg Rm

## 52 MUSIC

### First 4-Week Session (June 5 - June 29)

52:020 Exploring Music 80 3 9:50-12 Daily Shepherd Rsl 118  
52:221 Music Research and Bibliography 80 2 7:30 Daily Bock Rsl 124  
+ 8:40 TTh

### Second 4-Week Session (July 2 - July 27)

52:020 Exploring Music 90 3 9:50-12 Daily Hogancamp Rsl 118

## 53 MUSIC, ORGANIZATIONS AND ENSEMBLES

### First 4-Week Session (June 5 - June 29)

53:010 Chorus (Freshman and Sophomore registration number)  
53:110g Chorus (Junior, Senior and Graduate registration number) 80 1 7-9:00 T eve Ritschel Rsl 111  
Eve  
53:015 Band (Freshman and Sophomore registration number)  
53:115g Band (Junior, Senior and Graduate registration number) 80 1 3:10-5 TWTTh R. Johnson/ Staff Rsl 60

## 54 MUSIC, APPLIED

### First 4-Week Session (June 5 - June 29)

STUDENTS TAKING APPLIED MUSIC FOR THE FIRST TIME MUST CHECK WITH THE MUSIC OFFICE FOR INSTRUCTOR ASSIGNMENT. ALL STUDENTS ALSO MUST SECURE APPLIED MUSIC APPROVAL CARDS FROM THE ASSIGNED INSTRUCTOR PRIOR TO REGISTERING IN THE SCHEDULING OFFICE.

APPLIED AREAS - Non-Music majors should register for 54:Nxx

54:Nxx Applied Music for the non-music major	54:041 Violin
54:030 Flute	54:042 Viola
54:031 Oboe	54:043 Cello
54:032 Clarinet	54:044 String Bass
54:033 Bassoon	54:046 Piano
54:034 Saxophone	54:048 Organ
54:035 French Horn	54:049 Voice
54:036 Cornet-Trumpet	54:050 Harpsichord
54:037 Trombone	54:052 Guitar
54:038 Euphonium	54:054 Composition (58:022 and written approval of Instructor)
54:039 Tuba	

### Second 4-Week Session (July 2 - July 27)

STUDENTS TAKING APPLIED MUSIC FOR THE FIRST TIME MUST CHECK WITH THE MUSIC OFFICE FOR INSTRUCTOR ASSIGNMENT. ALL STUDENTS ALSO MUST SECURE APPLIED MUSIC APPROVAL CARDS FROM THE ASSIGNED INSTRUCTOR PRIOR TO REGISTERING IN THE SCHEDULING OFFICE.

APPLIED AREAS - Non-Music majors should register for 54:Nxx

54:Nxx Applied Music for the non-music major	54:045 Harp
54:030 Flute	54:046 Piano
54:031 Oboe	54:048 Organ
54:032 Clarinet	54:049 Voice
54:033 Bassoon	54:050 Harpsichord
54:034 Saxophone	54:052 Guitar
54:035 French Horn	54:054 Composition (58:022 and written approval of Instructor)
54:036 Cornet-Trumpet	
54:040 Percussion	

## 56 MUSIC TECHNIQUES

### First 4-Week Session (June 5 - June 29)

56:015 Basic Recording Techniques 80 2 9:50 Daily Barry Rsl 126  
+ 11:00 TTh  
56:110g Guitar in the Classroom 80 2 1:00 Daily Barry Rsl 111  
+ 2:10 TTh

### Second 4-Week Session (July 2 - July 27)

56:130g Music Theatre (Summer Repertory) 90 1-2 arr arr Pape Rsl 48

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

## 57 MUSIC EDUCATION AND METHODS

### First 4-Week Session (June 5 - June 29)

57:141 Elementary/General Music Methods (57:050) 80 3 arr arr Merrion Rsl 115  
57:145g Developments and Trends in Music Education: Tests and Measurement in Music Education 80 2 7:30 Daily R. Ritschel Rsl 122  
+ 8:40 TTh  
57:186g Studies in Advanced Instrumental Methods/Materials (Weekly topics) 80 1-4 2:10-5:30 MTWTh Dean Rsl 122  
+ 2 hours arr

57:250 Projects in Music 80 1-3 arr arr

### Second 4-Week Session (July 2 - July 27)

57:186g Reemaking and Adjustment 90 2 arr arr Wendt Rsl 58  
57:197g Instrumental Upkeep and Repair 90 2 9:50 Daily Wendt Rsl 58  
+ 11:00 TTh  
57:250 Projects in Music 90 1-3 arr arr  
57:289 Seminar in Music Education 90 3 1-3:10 Daily Merrion Rsl 120

## 58 MUSIC THEORY

### 8-Week Session (June 5 - July 27)

58:012 Theory II (Corequisite: 58:016) 1 3 9:50 Daily Jernigan/Staff Rsl 122  
58:016 Aural Training II (Corequisite: 58:012) 1 1 11:00 TTh Jernigan/Staff Rsl 122  
+ arr

### First 4-Week Session (June 5 - June 29)

58:180 Theory Survey for Graduates 80 2 9:50 Daily Copen/Staff Rsl 120  
+ 11:00 TTh  
58:210 Advanced Form and Style Analysis I (58:180) 80 2 9:50 Daily Ross Rsl 124  
+ 11:00 TTh



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>58 MUSIC THEORY (CONTINUED)</b>							
<u>Second 4-Week Session (July 2 - July 27)</u>							
58:059	Introduction to Theory	90 2	1:00 2:10	Daily TTh	Beckman	Rs1	122
58:186g	Studies in Writing Music Manuscript	90 2	7:30 8:40	Daily TTh	Chidester	Rs1	122
58:211	Advanced Form and Style Analysis II (58:180)	90 2	9:50 11:00	Daily TTh	Jernigan	Rs1	124

**59 MUSIC LITERATURE**

First 4-Week Session (June 5 - June 29)

59:113g	Music Literature - 20th Century (59:010; 59:011)	80 3	1-3:10	Daily	Michaelides	Rs1	118
59:131g	History and Literature of Large Choral Forms	80 3	1-3:10	Daily	Cowen	Rs1	124
59:180	Music Literature Survey for Graduates	80 2	1:00 2:10	Daily TTh	Bock	Rs1	120

Second 4-Week Session (July 2 - July 27)

59:011	History of Music II (52:020)	90 3	1-3:10	Daily	Kratzenstein	Rs1	118
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**60 ART**

8-Week Session (June 5 - July 27)

Lab fees are not refunded after last official day to add a class.

60:001	The Visual World (Lab fee \$10.00)	1 3	7:30-9:40	Daily	Gogel	LAT	230
60:025	Graphic Design I (Lab fee \$10.00)	1 3	1-3:10	Daily	Onyile	LAT	106
60:275	Graduate Studio (Registration requires approval of Department Head)						
	Drawing (Lab fee \$5.00 per credit hour)	2 2-8	arr	arr		LAT	134
	Painting (Lab fee \$5.00 per credit hour)	4 2	arr	arr		A-2	109
	Printmaking (Lab fee \$10.00 per credit hour)	6 2-8	arr	arr		LAT	133
60:286	Studies in Art Criticisms (Registration requires written approval of Department Head)	2 2	arr	arr			
60:293	Research in Art History (Registration requires written approval of Department Head)	1 1-3	arr	arr			
60:299	Research (Registration requires written approval of Department Head)	1 1-6	arr	arr			

Second 4-Week Session (July 2 - July 27)

60:148g	Contemporary Art History	90 3	8:40-10:50	Daily	Shickman	LAT	210
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WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

**62 ENGLISH LANGUAGE AND LITERATURE**

8-Week Session (June 5 - July 27)

62:001	Writing: Fundamentals (May be taken ONLY by baccalaureate degree students who have not passed the Writing Competency Examination. May not be taken by students who have passed any of the following: 62:003, 62:034, 62:103, 62:104, 62:105, 66:040, or 66:140. May not be taken for General Education, major, or minor credit.)	1 3	9:50	Daily	Hiduke	Sab	107
62:059	College Preparatory English (For students not satisfying the Admissions standard in English) (Course will be billed \$150.00. This fee is separate from regular tuition.)	1X 0 2X	7:30 8:40	Daily		Sab Sab	217 217
62:105	Report Writing (Pass on Writing Competency Examination; Junior standing or approval of Instructor)	1 3	2:10	Daily	Caweltt	Sab	27
62:190g	The Teaching of English (Credit also as a course in Education for a student whose major is English)	1 3	3:20	Daily	Copeland	Sab	27
62:201	Introduction to Graduate Study in English	1 3	3:20	Daily	T. Remington	Sab	217

First 4-Week Session (June 5 - June 29)

62:121g	The American Renaissance (62:034 or junior standing or approval of Instructor)	80 3	1-3:10	Daily	T. Hovet	Sab	217
62:221	English Renaissance Literature	80 3	9:50-12	Daily	Kalmar	Sab	103

Second 4-Week Session (July 2 - July 27)

62:052	The Tradition of American Literature	90 3	9:50-12	Daily	Swensen	Sab	217
62:119g	British Victorian Writers	90 3	7:30-9:40	Daily	Cahill	Sab	27
62:284	Seminar in Literature: Americans in Paris	90 3	9:50-12	Daily	Klinkowitz	Sab	227

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

**63 LINGUISTICS**

8-Week Session (June 5 - July 27)

63:010	Language and Culture (Does not meet the Linguistics requirements for English majors and minors)	1 3	7:30	Daily	Loritz	Sab	103
63:130g	The Structure of English	1 3	11:00	Daily	Goodman	Sab	107
63:285	Seminar in Language: Psycholinguistics	1 3	9:50-12:30	TTh	Loritz	Sab	14

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

**64 RELIGION**

8-Week Session (June 5 - July 27)

64:124	Religions of the World	1 3	9:50	Daily	Crownfield	Sab	327
64:189g	Individual Readings in Religion (Registration requires approval of Department Head. May be repeated for a maximum of 6 hours)	1 1-3	arr	arr			



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm	Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
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## 64 RELIGION (CONTINUED)

### First 4-Week Session (June 5 - June 29)

64:124	Religions of the World	80	3	9:50-12	Daily	Robinson	Sab	311
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## 65 PHILOSOPHY

### 8-Week Session (June 5 - July 27)

65:021	Introduction to Philosophy	1	3	11:00	Daily	Thakur	Sab	27
65:189g	Individual Readings in Philosophy (Registration requires approval of Department Head. May be repeated for a maximum of 6 hours.)	1	1-3	arr	arr			

### First 4-Week Session (June 5 - June 29)

65:145	Logic	80	3	9:50-12	Daily	Morgan	Sab	13
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## 66 JOURNALISM

### First 4-Week Session (June 5 - June 29)

66:032	Introduction to Mass Media	80	3	7:30-9:40	Daily	DeHoff	EdC	252
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## 68 HUMANITIES

### 8-Week Session (June 5 - July 27)

68:021	Humanities I	1	3	8:40	Daily	Amend	Sab	327
68:022	Humanities II	1	3	11:00	Daily	Hallberg	Sab	317

### First 4-Week Session (June 5 - June 29)

68:022	Humanities II	80	3	1-3:10	Daily	Shepardson	Sab	311
68:124	Foreign Area Studies - China	80	3	1-3:10	Daily	Stavis	Sab	207
68:130	Culture of the Ghetto (May be repeated for an additional 3 hours of credit) (Contact Instructor first week of classes)	80	3	12-2:00	MTWTh	Parker	EdC	122
		81		4-6:00	MTWTh	Parker	EdC	122
68:131	Practical Experience in Ghetto Living (Pre- or corequisite: 68:130) (May be repeated for an additional 2 hours credit) (Registration requires written approval of Instructor)	80	2	arr	arr	Parker		
68:127	Foreign Area Studies: Middle East	80	3	7:30-9:40	Daily	Nijim	Sab	7
68:194g	Seminar on Death and Dying	80	3	6:30-10	TTh,eve	Davis	EdC	306
	+ 20-hour weekend retreat June 22,23,24							

### Second 4-Week Session (July 2 - July 27)

68:021	Humanities I	90	3	9:50-12	Daily	Jones	Sab	311
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## 70 LANGUAGES

Lab fees are not refunded after last official day to add a class.

### First 4-Week Session (June 5 - June 29)

70:186g	Studies in Languages: Seminar in Teaching Modern Languages (Registration requires written approval of Dr. Hawley, Baker 356)	80	2	9:50	Daily	Hawley/Honeycutt/Vernon	Sab	223
				+ 2 hours arr				
70:286	Studies in Languages: Seminar in Teaching Modern Languages (Registration requires written approval of Dr. Hawley, Baker 356)	80	2	9:50	Daily	Hawley/Honeycutt/Vernon	Sab	223
				+ 2 hours arr				
70:297	Practicum in FL Methodology	80	1	11:00	Daily	Hawley/Honeycutt/Vernon		
		81		1:00	Daily	Hawley/Honeycutt/Vernon		

## 72 FRENCH

Lab fees are not refunded after last official day to add a class.

### First 4-Week Session (June 5 - June 29)

72:086	Studies in French: Intensive Upper Elementary French (Instructor approval required for course to be counted towards requirement in 72:002)	80	3	11:00	Daily	Honeycutt	Sab	223
				+ 1:00	Daily			
72:186g	Studies in French: Advanced Oral and Written Practice	82	2	8-9:40	Daily	Honeycutt	Sab	223
72:191	Bilingual Practicum (Registration requires approval of Instructor; corequisite: 70:186)	80	1	11:00	Daily	Honeycutt		
		81		1:00	Daily	Honeycutt		
72:286	Studies in French: Advanced Oral and Written Practice	81	2	8-9:40	Daily	Honeycutt	Sab	223

### Second 4-Week Session (July 2 - July 27)

72:086	Studies in French: Intensive Upper Elementary French (Instructor approval required for course to be counted towards requirement in 72:002)	90	3	11:00	Daily	Honeycutt	Sab	223
				+ 1:00	Daily			
72:186g	Studies in French: Translation of English into French (Lab fee \$10.00)	92	4	8-10:50	Daily	Honeycutt	Sab	223
72:286	Studies in French: Translation of English into French (Lab fee \$10.00)	91	4	8-10:50	Daily	Honeycutt	Sab	223

## 78 SPANISH

Lab fees are not refunded after last official day to add a class.

### First 4-Week Session (June 5 - June 29)

78:001	Elementary Spanish I (Psycho-Generative Method) (Class period includes one hour of drill)	80	4	7:30-10:50	Daily	Nodarse	Aud	332
78:086	Studies in Spanish: Intensive Intermediate Spanish (Instructor approval required for course to be counted towards requirements in 78:051; 78:052; 78:061; 78:062)	80	3	11:00	Daily	Hawley/Vernon	Sab	323
				+ 1:00	Daily			



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>78 SPANISH (CONTINUED)</b>							
<u>First 4-Week Session (June 5 - June 29) (Continued)</u>							
78:186g	Studies in Spanish: Advanced Oral and Written Practice	82 2	8-9:40	Daily	Hawley/Vernon	Sab	121
78:191g	Bilingual Practicum (Registration requires approval of Instructor; corequisite: 70:186 or 70:286)	80 1	11:00	Daily	Vernon		
		81	1:00	Daily	Vernon		
78:286	Studies in Spanish: Advanced Oral and Written Practice	82 2	8-9:40	Daily	Vernon/Hawley	Sab	121

Second 4-Week Session (July 2 - July 27)

78:086	Studies in Spanish: Intensive Intermediate Spanish (Instructor approval required for course to be counted towards requirements in 78:051; 78:052; 78:061; 78:062)	90 3	11:00	Daily	Vernon/Hawley	Sab	327
		+	1:00	Daily		Sab	323
78:186g	Studies in Spanish: Perspectives in Contemporary Spanish Civilization	92 2	11:00	Daily	Munoz	Sab	327
		+	12:00	TTh			
78:186g	Studies in Spanish: Translation of English into Spanish (Lab fee \$10.00)	93 4	8-10:50	Daily	Vernon/Hawley	Sab	121
						Com	
78:282	Seminar: Short Works by Cervantes	91 2	1:00	Daily	Munoz	Sab	323
		+	12:00	MM			
78:286	Studies in Spanish: Perspectives in Contemporary Spanish Civilization	92 2	11:00	Daily	Munoz	Sab	327
		+	12:00	TTh			
78:286	Studies in Spanish: Translation of English into Spanish (Lab fee \$10.00)	93 4	8-10:50	Daily	Hawley/Vernon	Sab	121
						Com	

**80 MATHEMATICS**

8-Week Session (June 5 - July 27)

80:020	Survey of Mathematical Ideas	1 3	1:00	Daily	Longnecker	Wrt	315
80:030	Mathematics for Elementary Teachers I (Formerly entitled Foundations of Arithmetic)	1 3	1:00	Daily	Baum	Wrt	8
80:040	Basic Collegiate Mathematics	1 4	9:50	Daily	Baum	Wrt	315
		+	11:00	TTh			
80:046	Elementary Analysis	1 3	9:50	Daily	Rule	Wrt	318
80:059	Elementary Algebra (For students not satisfying the Admissions standard in Mathematics, and for other students with no significant background in algebra) (Course will be billed \$150.00. This fee is separate from regular tuition.)	1X 0	7:30	Daily	Rule	Wrt	109
		2X	8:40	Daily		Wrt	8
80:060	Calculus I (80:046)	1 4	7:30	Daily	Bruha	Wrt	315
		+	8:40	TTh			

**80 MATHEMATICS (CONTINUED)**

8-Week Session (June 5 - July 27) (Continued)

80:061	Calculus II (80:060)	1 4	1:00	Daily	Duncan	Wrt	108
		+	2:10	TTh			
80:074	Discrete Mathematics (80:050 or 80:060; 81:070)	1 3	11:00	Daily	Longnecker	Wrt	318
80:131	Mathematics for Elementary Teachers II (Formerly entitled Geometry and Measurement for the Elementary Teacher) (80:030)	1 3	9:50	Daily	Nelson/Rathmell	Wrt	109
80:134	Teaching of Mathematics in the Elementary School (80:030; 80:112 or 80:131)	1 2	7:30	MTWTh	Nelson/Rathmell	Wrt	8
80:161g	Linear Algebra (80:160)	1 3	8:40	Daily	Myung	Wrt	108
80:203	Complex Analysis I (80:140 or approval of Instructor)	1 3	11:00	Daily	Schurrer	Wrt	108

First 4-Week Session (June 5 - June 29)

80:167g	Topology I (80:061)	80 3	1-3:10	Daily	Millar	Wrt	109
80:280	Curricula in Elementary School Mathematics	80 3	9:50-12	Daily	Wilkinson	Wrt	8

Second 4-Week Session (July 2 - July 27)

80:290	Problems in Teaching Junior High School Mathematics (Registration requires written approval of Mathematics and Computer Science Department Head)	90 2	1:00	Daily	Litwiller	Wrt	109
		+	2:10	TTh			
80:291	Problems in Teaching High School Mathematics (Registration requires written approval of Mathematics and Computer Science Department Head)	90 2	1:00	Daily	Litwiller	Wrt	109
		+	2:10	TTh			
80:295	Teaching Gifted and Talented Students in Mathematics (80:134 or 80:190)	90 2	9:50	Daily	Litwiller	Wrt	8
		+	11:00	TTh			

**81 COMPUTER SCIENCE**

8-Week Session (June 5 - July 27)

81:070	Introduction to Programming (This course uses FORTRAN)	1 3	9:50	Daily	Melara	Wrt	113
81:071	Computer Programming (81:070) (This course uses Pascal)	1 3	9:50	Daily	Walljasper	Wrt	17
81:102g	Introduction to Computer Science (81:070 or 81:101) (This course uses Pascal. Only graduate students without credit in 81:071 may register for 81:102)	1 3	9:50	Daily	Walljasper	Wrt	17
81:111g	File Processing (81:110)	1 3	9:50	Daily	Farzaneh	Wrt	108
81:120g	Assembly Language Programming (81:071 or 81:102)	1 3	11:00	Daily	Walljasper	Wrt	113
81:130g	Data and File Structures (81:071 or 81:102)	1 3	1:00	Daily	Melara	Wrt	113
81:135g	Programming Languages (81:130)	1 3	8:40	Daily	Beck	Wrt	109
81:140g	Computer System Structures (81:120 and 81:130)	1 3	7:30	Daily	Wetterlind	Wrt	318



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>81 COMPUTER SCIENCE (CONTINUED)</b>							
<b>8-Week Session (June 5 - July 27) (Continued)</b>							
81:145g	Software Design and Development (81:135)	1 3	8:40	Daily	Wetterlind	Wrt	113
81:150g	Project Management (81:111 or 81:145 or approval of Instructor)	1 3	11:00	Daily	Farzaneh	Wrt	109

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

## 82 SCIENCE

### 8-Week Session (June 5 - July 27)

82:200	History and Philosophy of Science	1 2	9:50	MWF	Rider	Sci	3436
82:259	Developing Science Curricula	1 2	3:20	MWF	Ward	Sci	1753

## 84 BIOLOGY

### 8-Week Session (June 5 - July 27)

84:028	Biosphere: Life and Its Interrelationships (No credit on Biology major; no credit if student has taken previous Biology courses)	1 3	1:00	Daily	TePaske	Sci	2532
84:033	Principles of Microbiology	1 3	7:30-9:40 + 7:30-9:40	MW TTh	Goss Goss	Sci Sci	1532 1263
84:051	General Biology I	1 4	8:40-10:50 +8:40-10:50	MWF TTh	TePaske TePaske	Sci Sci	2229 2450
84:128g	Cell Biology (84:052, either 86:050 or 86:120 and 86:121)	1 3	1-3:10 + 1-4:00	MW TTh	Orr Orr	Sci Sci	1536 1745
84:132g	Parasitology (84:112 or written approval of Instructor)	1 3	9:50-12 + 9:50-12	MW TTh	Wilson Wilson	BRC BRC	3 3
84:138	Human Physiology (84:052)	1 4	9:50-12 + 9:50-12	MWF TTh	Riggs Riggs	Sci Sci	1532 2437
84:183g	Topics in Molecular Biology: Genetic Engineering-Recombinant DNA (84:128 or 84:140 pre- or corequisite)	2 1	11:00	TTh	Orr	Sci	1745
84:185	Readings in Biology (Registration requires approval of Instructor)	1 1-3	arr	arr		Sci	2438
84:195	Internship/Field Experience (Credit/No Credit basis) (No credit on major) (Registration requires written approval of Instructor)	1 1-8	arr	arr	Clausen		
84:230	Special Problems in Biology (Registration requires approval of Department Head)	1 1-6	arr	arr		Sci	2438
84:299	Research (Registration requires approval of Department Head)	1 1-3	arr	arr		Sci	2438

### First 4-Week Session (June 5 - June 29)

84:031	Anatomy and Physiology I (For nurses, physical therapists, dental hygienists)	80 4	8-9:40 + 9:50-12	Daily Daily	Bergquist Bergquist	Sci Sci	2532 2455
84:176g	Community Ecology (84:168 or equivalent)	80 3	1-3:10 + 1-4:20	MWF TTh	Whitson Whitson	Sci Sci	1753 1753

## 84 BIOLOGY (CONTINUED)

### Second 4-Week Session (July 2 - July 27)

84:032	Anatomy and Physiology II (For nurses, physical therapists, dental hygienists)	90 4	8-9:40 + 9:50-12	Daily Daily	Bergquist Bergquist	Sci Sci	2532 2455
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### Special Programs

84:159	Human Organ System Interaction (84:031 and 84:032 or equivalent; 86:050 or 86:063 or equivalent) (Non-majors only) (June 5-July 13)	8 3	1-3:10	MTWTh	Simpson	Sci	1532
84:186g	Studies in Iowa Forests (June 5-15) (84:052 or equivalent; registration requires written approval of Instructor)	7 2	8-11:20	Daily	Smith	Sci	1440
84:186g	Studies in Iowa Prairie (June 18-29) (84:052 or equivalent; registration requires written approval of Instructor)	9 2	8-11:20	Daily	Smith	Sci	1440

## 86 CHEMISTRY

### 8-Week Session (June 5 - July 27)

86:030	Contemporary Chemical Issues	1 3	8:40	Daily	Chang	Sci	3436
86:044	General Chemistry I	1 4	7:30-9:40 +7:30-10:50	MWF TTh	Hanson	Sci Sci	3252 3245
86:048	General Chemistry II (86:044)	1 4	1-3:10 + 1-3:10	MW TThF	Rider	Sci Sci	3252 3245
86:120	Organic Chemistry I (86:048 or 86:070)	1 3	7:30-9:40	MWF	McGrew	Sci	3755
86:121	Organic Chemistry Laboratory I (86:120 is pre- or corequisite)	1 2	7:30-10:50 + 4 hours arr	TTh	Wiley	Sci	3445
86:132	Quantitative Analysis (86:048 or 86:070)	1 4	1-3:10 + 1-3:10	MW TThF	Wiley	Sci Sci	3755 3435
86:134g	Instrumental Analysis I (86:132)	1 4	9:50-12 + 9:50-12	MW TThF	Woo	Sci Sci	3755 3234
86:180	Undergraduate Research in Chemistry (86:141 and written approval of Department Head)	1 1-3	arr	arr			
86:240	Special Problems in Chemistry (Registration requires approval of Instructor)	3 1-2	7:30	MWF	Woo	Sci	3436
86:299	Research (Registration requires written approval of Department Head)	1 1-3	arr	arr			



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>87 EARTH SCIENCE</b>							
<u>8-Week Session (June 5 - July 27)</u>							
87:010	Astronomy	1 3	9:50	Daily	Kelsey/Hoff	Sci	2430
87:011	Astronomy Laboratory (Concurrent or previous enrollment in 87:010)						
Eve	1 1	9-10:40	TTh eve	Kelsey/Hoff	GNA		
87:021	Elements of Weather	1 3	8:40	Daily	Cropper	Phy	309
	2	9:50	Daily	Cropper	Phy	309	
87:109g	Fundamentals of Astronomy (Registration requires written approval of Department Head)						
	1 3	9:50	Daily	Kelsey/Hoff	Sci	2430	
	+ arr evening sessions on TTh						
87:160g	Geology of Iowa (87:035 or approval of Instructor)						
	1 2	9:50-12	TTh	Anderson	Phy	301	
	+ arr field trips						

## First 4-Week Session (June 5 - June 29)

87:036	Spaceship Earth	80 3	9:50-12	Daily	Brant	Sci	1536
<u>Second 4-Week Session (July 2 - July 27)</u>							
87:086	Studies in Field Geology: Colorado Rocky Mountains (Registration requires approval of Instructor) (Check with Instructor regarding costs and additional details.)						
	90 3	arr	arr	Walters	Phy	300	
87:186g	Studies in Field Geology: Colorado Rocky Mountains (Registration requires approval of Instructor) (Check with Instructor regarding costs and additional details.)						
	90 3	arr	arr	Walters	Phy	300	
87:186g	Studies in Continental Drift, Plate Tectonics, and Volcanology (Registration requires approval of Department Head) (Appropriate for either Junior or senior high school teachers of Earth Science) (Contact Department of Earth Science for further details.)						
	91 3	7:30-9:50	Daily	DeNault	Phy	301	

WORKSHOPS ARE LISTED IN THE BACK OF THE BOOK.

## 88 PHYSICS

### 8-Week Session (June 5 - July 27)

88:052	Principles of Physics (80:040 or approval of Instructor)						
	1 4	7:30-9:40	MWF	Macomber/Engardt	Phy	201	
		+ 7:30-9:40	TTh	Macomber/Engardt	Phy	101	
88:054	General Physics I (Knowledge of algebra and trigonometry)						
	1 4	7:30-9:40	TThF	Intemann/Jensen	Phy	212	
		+ 7:30-9:40	MW	Ward	Phy	101	
88:056	General Physics II (88:054)						
	1 4	9:50-12	MWF	Intemann/Jensen	Phy	201	
		+ 9:50-12	TTh	Macomber	Phy	108	
88:120g	Elementary Atomic and Nuclear Physics (88:056)						
	1 4	9:50-12	TThF	Olson	Phy	212	
		+ 9:50-12	MW	Olson	Phy	9	
88:154g	Electronics II (88:152)						
	1 4	7:30-9:40	Daily	Vilmain	Phy	109	

## 88 PHYSICS (CONTINUED)

### 8-Week Session (June 5 - July 27) (Continued)

88:157g	Fundamentals of Physics I (Knowledge of algebra and trigonometry; registration requires approval of Department Head)						
	1 4	7:30-9:40	TThF	Intemann/Jensen	Phy	212	
		+ 7:30-9:40	MW	Ward	Phy	101	
88:158g	Fundamentals of Physics II (88:157 or equivalent; registration requires approval of Department Head)						
	1 4	9:50-12	MWF	Intemann/Jensen	Phy	201	
		+ 9:50-12	TTh	Macomber	Phy	108	

## 90 SOCIAL SCIENCE

### 8-Week Session (June 5 - July 27)

90:070	Computers in the Social and Behavioral Sciences						
	1 3	1:00	Daily		Sab	27	

## 92 ECONOMICS

### First 4-Week Session (June 5 - June 29)

92:053	Principles of Macro-Economics						
	80 3	9:50-12	Daily	McCormick	Sab	121	
92:054	Principles of Micro-Economics (92:053)						
	80 3	1-3:10	Daily	Hansen	Sab	103	
92:113g	Money and Banking (92:053, 92:054)						
	80 3	9:50-12	Daily	Gillette	Sab	129	
92:139g	Intermediate Micro-Economic Theory (92:053, 92:054)						
	80 3	1-3:10	Daily	Yousefi	Sab	129	

### Second 4-Week Session (July 2 - July 27)

92:024	Economics for General Education (No credit for students with credit in 92:053 or 92:054 or concurrently enrolled in 92:053 or 92:054. Not recommended for students who plan to take more Economics courses.)						
	90 3	9:50-12	Daily	Abraham	Sab	103	
92:053	Principles of Macro-Economics						
	90 3	1-3:10	Daily	Rives	Sab	121	
92:054	Principles of Micro-Economics (92:053)						
	90 3	9:50-12	Daily	Strein	Sab	121	
92:141g	Intermediate Macro-Economic Theory (92:053, 92:054)						
	90 3	7:30-9:40	Daily	McCormick	Sab	129	

## 94 POLITICAL SCIENCE

### First 4-Week Session (June 5 - June 29)

94:010	Survey of American Politics						
	80 2	9:50	MW	Ross	Sab	207	
		+ 11:00	Daily				
94:014	Introduction to American Politics						
	80 3	7:30-9:40	Daily	Alberts	Sab	207	
94:189g	Readings in Political Science (Registration requires written approval of Department Head)						
	80 1-3	arr	arr				
94:285	Individual Readings (Registration requires written approval of Department Head)						
	80 1-3	arr	arr				



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
<b>94 POLITICAL SCIENCE</b>							
<u>Second 4-Week Session (July 2 - July 27)</u>							
94:010	Survey of American Politics	90 2	9:50	MW	Ross	Sab	207
		+ 11:00	Daily				
94:026	World Politics	90 3	7:30-9:40	Daily	Winter	Sab	213
94:189g	Readings in Political Science (Registration requires written approval of Department Head)	90 1-3	arr	arr			
94:285	Individual Readings (Registration requires written approval of Department Head)	90 1-3	arr	arr			

**96 HISTORY**

8-Week Session (June 5 - July 27)

96:149g	United States in World War II (Junior standing or approval of Instructor)	1 3	9:50	Daily	Whitnah	Sab	317
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First 4-Week Session (June 5 - June 29)

96:015	United States History Since 1877	80 3	7:30-9:40	Daily	Martin	Sab	323
96:170g	History of Soviet Russia	80 3	1-3:10	Daily	O'Connor	Sab	327
96:186g	Studies in History: Recent China	80 3	7:30-9:40	Daily	Cheng	Sab	107
96:193g	Historians and Philosophy of History (Junior standing)	80 2	12:00	Daily	Thompson	Sab	327
		+ 11:00	TTh				
96:290	Historical Methods	80 3	arr	arr	Quirk		

Second 4-Week Session (July 2 - July 27)

96:014	United States History to 1877	90 3	9:50-12	Daily	Wohl	Sab	323
96:015	United States History Since 1877	90 3	7:30-9:40	Daily	R. Talbott	Sab	323
96:116g	Recent United States History	90 3	1-3:10	Daily	Ryan	Sab	317
96:140g	History of the West	90 3	7:30-9:40	Daily	Walker	Sab	317

**97 GEOGRAPHY**

First 4-Week Session (June 5 - June 29)

97:010	Human Geography	80 2	9:50	Daily	Clark	Sab	7
		+ 11:00	TTh				
97:025	World Geography	80 3	7:30-9:40	Daily	Chung	Sab	13
97:031	Elements of the Natural Environment	80 4	1-3:10	Daily	B. Yarnal/Clark	Sab	7
		+ 3:20	MWF				

**98 SOCIOLOGY**

8-Week Session (June 5 - July 27)

98:145g	Research Experience in Sociology (15 semester hours in Sociology including 98:080 or 98:085, and approval of Instructor. May be repeated up to 6 hours of credit.)	1 1-3	arr	arr			
98:184	Experience in Applied Sociology (12 semester hours in Sociology and approval of Instructor. Must be taken on ungraded credit/no credit basis)	1 3-6	arr	arr			
98:189g	Readings in Sociology (Registration requires approval of Department Head) (9 hours in Sociology) (May be repeated only with approval of Department Head)	1 1-3	arr	arr			
98:201	Advanced Research Methodology (98:085; open to senior students with approval of Department Head)	1 3	9:50	Daily	Lutz	Sab	27
98:285	Individual Readings (Registration requires approval of Department Head)	1 1-3	arr	arr			
98:297	Practicum (Registration requires approval of Department Head)	1 2	arr	arr			
98:299	Research (Registration requires approval of Department Head)	1 1-6	arr	arr			

First 4-Week Session (June 5 - June 29)

98:058	Principles of Sociology	80 3	1-3:10	Daily	Noack	Sab	301
98:060	Social Problems	80 3	9:50-12	Daily	Kramer	Sab	307
98:122g	Criminal Justice System (98:127)	80 3	7:30-9:40	Daily	Callahan	Sab	27
98:145g	Research Experience in Sociology (15 semester hours in Sociology including 98:080 or 98:085, and approval of Instructor. May be repeated up to 6 hours credit)	80 1-3	arr	arr			
98:184	Experience in Applied Sociology (12 semester hours in Sociology and approval of Instructor. Must be taken on ungraded credit/no credit basis)	80 3-6	arr	arr			
98:189g	Readings in Sociology (Registration requires approval of Department Head) (9 hours in Sociology) (May be repeated only with approval of Department Head)	80 1-3	arr	arr			
98:285	Individual Readings (Registration requires approval of Department Head)	80 2	arr	arr			
98:297	Practicum (Registration requires approval of Department Head)	80 2	arr	arr			
98:299	Research (Registration requires approval of Department Head)	80 2	arr	arr			



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm	Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
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98 SOCIOLOGY (CONTINUED)

Second 4-Week Session (July 2 - July 27)

98:058	Principles of Sociology	90	3	9:50-12	Daily	Roberts	Sab	301
98:060	Social Problems	90	3	1-3:10	Daily	Stockdale	Sab	301
98:127	Juvenile Delinquency (98:058 or 98:060)	90	3	9:50-12	Daily	Bartollas	Sab	307
98:130g	Minority Group Relations (98:058) (Same as 45:163)	90	3	7:30-9:40	Daily	Claus	Sab	301
98:145g	Research Experience in Sociology (15 semester hours in Sociology including 98:080 or 98:085, and approval of Instructor. May be repeated up to 6 hours of credit)	90	1-3	arr	arr			
98:184	Experience in Applied Sociology (12 semester hours in Sociology and approval of Instructor. Must be taken on ungraded credit/no credit basis)	90	3-6	arr	arr			
98:189g	Readings in Sociology (Registration requires written approval of Department Head) (9 hours in Sociology) (May be repeated with approval of Department Head)	90	1-3	arr	arr			
98:285	Individual Readings (Registration requires written approval of Department Head)	90	1-3	arr	arr			
98:297	Practicum (Registration requires written approval of Department Head)	90	2	arr	arr			
98:299	Research (Registration requires written approval of Department Head)	90	2	arr	arr			

99 ANTHROPOLOGY

8-Week Session (June 5 - July 27)

99:189g	Readings in Anthropology (Registration requires written approval of Department Head) (9 hours in Anthropology) (May be repeated)	1	1-3	arr	arr			
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First 4-Week Session (June 5 - June 29)

99:010	Human Origins	80	3	9:50-12	Daily	Durham	ANL	1
99:011	Culture, Nature and Society	80	3	9:50-12	Daily	Chadney	Sab	301
99:132	North American Indians	80	3	1-3:10	Daily	Ehrenreich	CAC	108
99:189g	Readings in Anthropology (Registration requires written approval of Department Head) (9 hours in Anthropology) (May be repeated)	80	1-3	arr	arr			

Second 4-Week Session (July 2 - July 27)

99:010	Human Origins	90	3	9:50-12	Daily	Durham	ANL	1
99:189g	Readings in Anthropology (Registration requires written approval of Department Head) (9 hours in Anthropology) (May be repeated)	90	1-3	arr	arr			



# SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm	Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
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## SEPARATELY-ORGANIZED SESSIONS

Fees for Pre-Sessions or Post-Sessions are to be paid on a credit-hour basis, each session being charged separately. If a student enrolls for the regular 8-week session or one or both of the 4-week sessions and also enrolls for a Pre-Session or Post-Session, there is an additional charge for the Pre-Session and/or Post-Session based on the credit hours. There is no refund for any one-, two-, or three-week session.

Students enrolled in the Workshops or short courses which meet during the 8-week or 4-week sessions may enroll for regular 8-week or 4-week courses provided there is no conflict between the meeting time of the Workshop or short course and the 8-week or 4-week session course(s).

## SPECIAL PROGRAMS

Iowa Lakeside Laboratory

Milford, Iowa

First Session -- June 11 - July 13

Second Session -- July 16 - August 17

(Courses are listed in a separate schedule available in the Biology Office)

## TOURS

### Summer Institute in France for Teachers of French (June 16 - August 4, 1984)

For details, contact Andre Walther, Modern Language Department, University of Northern Iowa, Cedar Falls, IA 50614

72:103g	Advanced Conversation	50	2-3	arr	arr	Walther/Staff
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72:107g	Listening and Comprehension	50	2	arr	arr
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72:125g	French Culture and Civilization	50	2-3	arr	arr
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### Regents' Program in France (June 1 - July 20, 1984)

For details, contact Jacques Dubois, Modern Language Department, University of Northern Iowa, Cedar Falls, IA 50614

72:199g	Study Tour	40	8	arr	arr
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### Regents' Program in Austria/Germany (June 11 - August 6, 1984)

For details, contact Jurgen Koppensteiner, Modern Language Department, University of Northern Iowa, Cedar Falls, IA 50614

74:011	Intermediate German	40	4	arr	arr	Koppensteiner/Staff
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74:052	Intermediate Composition	40	2	arr	arr
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74:062	Intermediate Conversation	40	2	arr	arr
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74:102g	Advanced Composition and Grammar Review	40	2	arr	arr
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74:103g	Advanced Conversation	40	2	arr	arr
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74:105g	Stylistics	40	2	arr	arr
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74:117g	German Media	40	2	arr	arr
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74:150g	Contemporary Germany and Austria	40	2	arr	arr
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74:199	Study Tour	40	4	arr	arr
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### Summer Institute in Austria for Teachers of German (June 29 - August 16, 1984)

For details, contact Karl Odwarka, Modern Language Department, University of Northern Iowa, Cedar Falls, IA 50614

74:102g	Advanced Composition and Grammar Review	50	2	arr	arr	Odwarka/Staff
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74:103g	Advanced Conversation	50	2	arr	arr
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74:147g	Masterpieces of the Modern German Stage	50	2-3	arr	arr
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74:150g	Contemporary Germany and Austria	50	2-3	arr	arr
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74:201	Advanced Composition and Stylistics	50	2	arr	arr
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74:250	German Literature in Review	50	2	arr	arr
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74:280	Seminar in Comparative Education	51	2	arr	arr
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74:285	Individual Readings	50	2-3	arr	arr
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74:299	Research	50	2	arr	arr
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SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm	Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
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TOURS (Continued)

Summer Institute in Spain for Teachers of Spanish  
(June 21 - August 15, 1984)  
For details, contact Adolfo Franco, Modern Language Department,  
University of Northern Iowa, Cedar Falls, IA 50614

78:150g	Written Communication	50	3	arr	arr		Franco/Staff
78:151g	Advanced Oral Communication	50	3	arr	arr		
78:152g	Contemporary Spanish Culture	50	3	arr	arr		
78:286	Studies in Spanish: Spanish Lyric Poetry of the Sixteenth Century	56	3	arr	arr		
78:286	Studies in Spanish: Contemporary Spanish Narrative	57	3	arr	arr		
78:286	Studies in Spanish: Historical Spanish Theatre: Casona and Buero Vallejo	58	3	arr	arr		
78:299	Research	50	1-3	arr	arr		

Regents' Hispanic Institute  
(June 9 - August 4, 1984)  
For details, contact George K. Zucker, Modern Language Department,  
University of Northern Iowa, Cedar Falls, IA 50614

78:150g	Written Communication	40	3	arr	arr		Zucker/Staff
78:151g	Advanced Oral Communication	40	3	arr	arr		
78:152g	Contemporary Spanish Culture	40	3	arr	arr		
98:199g	Study Tour: Scandinavia (May 10-May 31) (Registration requires approval of instructor) (May be taken as 90:199)	1	3	arr	arr		Lutz/Bartollas

WORKSHOPS

(Workshops are billed \$60.00 per credit hour for graduates or undergraduates. This fee is separate from regular tuition and not refundable.)

01:133g	Workshop: Human Relations (July 2-20)	1	3	1-4:20	Daily		EdC	182							
								183							
21:133g	Workshop: Individualized Programs for the Gifted Child (July 2-13)	9	2	8:40-12	Daily		Waack	EdC	124						
23:133g	Workshop: Update in Children's Literature (July 9-13)	2	1	9:50-12	Daily		Harms	EdC	116						
				1-3:00	M										
				+ 3 hours arr											
23:133g	Workshop: Reading, Poetry and Expressive Activities (July 16-20)	3	1	9:50-12	Daily		Harms	EdC	116						
				1-3:00	M										
				+ 3 hours arr											
23:133g	Workshop: Reading, Folklore and Expressive Activities (July 23-27)	4	1	9:50-12	Daily		Harms	EdC	116						
				1-3:00	M										
				+ 3 hours arr											
26:133g	Workshop: American Life Today: Its Effects on Students and Teachers in School (July 2-20)	1	3	9:50-1:50	MTWTh		Fortgang	EdC	321						
				+ hours arr											
31:133g	Workshop: Computer Applications in Home Economics (Registration requires approval of Department Head) (Vocational Home Economics teachers given preference through May 1 in this DPI-funded workshop) (June 18-29)	6	2	9-12:00	Daily		Honary	EdC	206						
				1:30-3	Daily		Hausafaus	Wrt	16						
31:133g	Workshop: Occupational Home Economics Update: Links to Business/Industry (Registration requires approval of Department Head) (June 11-22)	8	2	1-4:00	Daily		J. Morgan	Wrt	210						
31:133g	Workshop: Personal Development and Assertion Skills (July 16-27)	9	2	1-4:00	Daily		Franken	Wrt	7						
31:133g	Workshop: Women's Employment-Related Decisions (July 2-13)	10	2	1-4:00	Daily		K. Morgan	Wrt	16						
				+ 3 hours arr											
35:133g	Workshop: Microcomputer Data Base Program Application for School Library Media Centers (June 11-15)	1	1	8:30-11	Daily		Hiland	Lib	123						
				1-4:00	Daily										
				+ arr											
41:133g	Workshop: High-Level Wellness (June 18-29)	3	2	12:15-3:15	Daily		Cryer	EdC	306						
41:133g	Workshop: Health Risk Appraisal (June 4,6,11,13)	5	1	5:30-9:30	MW eve		Davis	EdC	306						
42:133g	Workshop: Volleyball Coaching Theory (June 4-8)	1	1	1-4:00	Daily		Ahrabi-Fard	PEC	142						
				+ 12-4:00 Sun				PEC	285N						
42:133g	Workshop: Cross Country Coaching Theory (June 16-17)	2	1	8:00 am - 9:00 pm	Sat		King	PEC	142						
				+ 12-4:00 Sun											
42:133g	Workshop: Psychology of Coaching (June 4-15)	4	2	1-4:00	Daily		Patten	EdC	320						
42:133g	Workshop: Football Offensive Line Play (June 9-10)	7	1	8:00 am - 9:00 pm	Sat		Erusha	PEC	142						
				+ 12-4:00 Sun											
42:133g	Workshop: Physical Education Curriculum: Design/Development (June 18-29)	8	2	1-4:00	Daily		Schwarzenbach	EdC	320						



SUMMER 1984

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm	Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
WORKSHOPS (Continued)															
42:133g	Workshop: Football Single Wing Offense (June 23-24)							60:133	Photography: 4x5 View Camera Workshop (Lab fee \$20.00) (June 18-29)						
	9	1	8:00 am -						8	2	7:30-4:20	Daily	Powell	A-2	9
		+	9:00 pm Sat		Aldrich	PEC	142								
			12-4:00 Sun												
42:133g	National Golf Foundation Teacher/Coach Workshop (June 18-22)							60:133	Printmaking Workshop (Lab fee \$20.00) (June 18-29)						
	10	1	1-4:00	Daily	K. Green	PEC	142		9	2	7:30-4:20	Daily	Siddens	LAT	133
						Dome									
50:133g	Repertory Theatre Workshop (Registration requires written approval of Director of Theatre, Professor Edelnant) (June 5-July 27)							60:133	Drawing and Painting Workshop (Lab fee \$20.00) (July 16-27)						
	1	1-6	arr	arr	Edelnant	SWT			10	2	7:30-4:20	Daily	Echeverria	A-2	109
								62:133g			The UNI Writing Project Workshop (July 2-13)				
									3	2	1-4:00	Daily	Eblen	Sab	107
											+	3 hours arr			
50:133g	Teaching for High School Contest Workshop							63:133g	Workshop: Modern English Grammar for ESL (English as a Second Language) and English Teachers (June 18-29)						
	2	1	8:30-11	Daily	Henderson				1	2	1-4:00	Daily	Shields	Sab	107
			+	3 hours arr											
			(Section 2 deals with individual events and runs June 4-8)					81:133g	Workshop: An Intermediate Course in Microcomputers (Prior knowledge of Apple Basic is assumed) (July 9-13)						
	3	2	8:30-11	Daily	Henderson				1	1	1-4:20	Daily	Beck	EdC	206
			+	3 hours arr											
			(Section 3 deals with debate and runs June 18-29)												
50:133g	Teaching the Oral Component of Language Arts Workshop (June 18-29)							87:133g	Workshop: Astronomy for Naturalists (June 18-22)						
	9	2	1-4:00	Daily	Bozik	CAC	116		7	2	1-3:00	Daily	Hoff	GNA	
											+	hours arr			
56:133g	Conductors' Workshop (June 4-8) (Designed for graduate and advanced undergraduate students who desire an emphasis in conducting) (Registration requires approval of Instructor)							87:133g	Workshop: Backyard Astronomy (June 24-July 6)						
	2	2	9-12:00	Daily	R. Johnson	Rsl	60		8	1-2	1-4:00	Daily	Kelsey	GNA	
			+	1:30-4:30	Daily						+	4-8 hours arr			
56:133g	Jazz Workshop for Band Directors (June 18-22) (Registration requires approval of Instructor)								(Graduate or undergraduate credit. Students enrolling for 1 hour of credit must attend sessions from June 25-June 29; students enrolling for 2 hours of credit must participate in both weeks of the workshop. A course involving activities for beginning astronomers; especially useful for science teachers. For further information, contact Dr. Larry Kelsey, Department of Earth Science, UNI, Cedar Falls, IA 50614.)						
	3	1-2	8-11:45	Daily	Washut	Rsl	60								
		+	1-4:45	Daily											
60:133	Drawing Workshop (60:018) (Lab fee \$15.00) (June 5-15)														
	6	2	7:30-4:20	Daily	Haupt	LAT	134								
60:133	Ceramics Workshop: High Fire and Raku (Lab fee \$35.00) (June 5-15)														
	7	2	7:30-4:20	Daily	Cassino	CER									



# Requirements of the General Education Program

1. The General Education Program at UNI shall consist of at least 40 semester hours selected from courses structured in twelve categories.
2. A student is required to take two or more credit hours in each of the categories. In category 12, "Physical Education and Health," each student is required to take two hours of physical activity courses.
3. Any General Education course which is taken for major credit shall satisfy the requirement of taking a course in that specific category where the course is fixed in the General Education Program, but it may not be counted toward the required 40 hours.
4. To meet the 40-hour requirement, students will have room for electives in General Education. The selection of General Education electives shall be subject only to these limitations: no more than eight hours may be counted toward General Education in any of the first eleven categories, and no more than four hours may be counted in the category, "Physical Education and Health."
5. No more than three courses with the same departmental prefix number may be counted as meeting the General Education requirements for a given student. This rule does not apply to 1-hour Physical Education courses.

The categories and courses within each category are as follows:

## 1. Principles of the Physical Universe

- 82:020 The Physical Sciences — 3
- 82:031 Activity Based Science I — 3
- 86:044 General Chemistry I — 4
- 87:010 Astronomy — 3
- 87:011 Astronomy Laboratory — 1
- 87:021 Elements of Weather — 3
- 86:031 Physical Geology — 3
- 88:054 General Physics I — 4
- 88:059 Conceptual Physics — 3
- 97:031 Elements of the Natural Environment — 4

## 2. Life and Its Interrelationships

- 82:032 Activity Based Science II — 3
- 84:021 Life: Environmental Relationships — 3
- 84:022 Life: Local Plants and Animals — 3
- 84:023 Life: Adaptation and Survival — 3
- 84:024 Life: Form and Function — 3
- 84:025 Life: The Cell — 3
- 84:028 Biosphere: Life and Its Interrelationships — 3
- 87:035 Earth History — 4

## 3. Human Identity and Relationships

- 01:050 Human Relations: Awareness — 1
- 31:057 Human Relationships and Sexuality — 3
- 40:008 Introduction to Psychology — 3
- 63:010 Language and Culture — 3
- 64:030 What is Religion? — 3
- 65:021 Introduction to Philosophy — 3
- 65:142 Ethics — 3
- 68:167 The Uses of the Humanities in Becoming Human — 3
- 98:060 Social Problems — 3

## 4. Societies: Institutions, Systems, Ideologies

- 45:040 The American Social Welfare Institution — 3
- 92:024 Economics for General Education — 3
- 94:024 Politics for General Education — 3
- 94:026 World Politics — 3
- 97:010 Human Geography — 2
- 98:058 Principles of Sociology — 3
- 99:011 Culture, Nature, and Society — 3

## 5. Sources of Western Civilization

- 68:021 Humanities I — 4
- 68:022 Humanities II — 4

## 6. Civilization and Culture of the United States

- 62:053 American Masterpieces — 3
- 90:030 Introduction to Urban Life — 3
- 94:010 Survey of American Politics — 2
- 96:014 United States History to 1877 — 3
- 96:015 United States History Since 1877 — 3

## 7. Other Cultural and Sub-Cultural Traditions

- 62:055 Native American and Chicano Literature — 3
- 62:057 Afro-American Literature — 3
- 64:124 Religions of the World — 3
- 68:124 Foreign Area Studies — China — 3
- 68:125 Foreign Area Studies — India — 3
- 68:127 Foreign Area Studies: Middle East — 3
- 68:128 Foreign Area Studies: Africa — 3
- 68:130 Culture of the Ghetto — 3
- 96:070 Latin American Civilization — 3
- 99:132 North American Indians — 3
- 99:137 South American Indians — 3



## **8. Environment, Technology and the Future**

- 33:005 Production Systems — 2
- 33:020 Communication Systems — 2
- 33:032 Power Systems — 2
- 65:170 Present Predicament of Mankind — 3
- 66:032 Introduction to Mass Media — 3
- 68:189 Seminar in Environmental Problems — 3
- 86:030 Contemporary Chemical Problems — 3
- 86:031 Socio-Economic Chemistry — 1
- 87:036 Spaceship Earth — 3
- 88:010 Physics and the Environment — 3
- 94:020 Contemporary Political Problems — 3
- 97:025 World Geography — 3
- 97:050 Communicating Through Maps — 2

## **9. Communicative Processes**

- 50:026 Fundamentals of Speech — 3
- 50:034 Human Communication — 3
- 50:139 Principles of Discussion — 3
- 62:003 Intermediate Writing: Exposition — 3
- 7x:xxx Any course(s) in a foreign language

## **10. Mathematical and Scientific Processes**

- 65:119 Philosophy of Science — 3
- 65:145 Logic — 3
- 80:020 Survey of Mathematical Ideas — 3
- 80:040 Basic Collegiate Mathematics — 4
- 80:046 Elementary Analysis — 4
- 80:072 Introduction to Statistical Methods — 3
- 81:025 The Computer in Society — 3
- 81:070 Introduction to Programming — 2
- 82:175 The Nature of Science — 2

## **11. Artistic Processes**

- 50:020 Introduction to Theatre — 3
- 50:031 Oral Interpretation — 3
- 50:020 Exploring Music — 3
- 60:001 The Visual World — 3
- 62:031 Introduction to Literature — 3
- 62:035 Introduction to Film — 3
- 65:143 Aesthetics — 3

## **12. Physical Education and Health**

(Minimum: 2 hours of physical activity courses;  
Maximum: 4 hours)

- 31:030 Basic Nutrition — 2
- 41:015 Personal Health — 2
- 42:001 Physical Education — Activity Courses — 1



					STUDENT
Last	First	Middle	Major	Semester	NUMBER

Local or College Address	Phone
--------------------------	-------

Dept. No.	Course No.	Sec. No.	Hours Credit	Time Hour Days	COURSE TITLE	INSTRUCTOR	Bldg. Rm.

Total Hours \_\_\_\_\_

Advisor \_\_\_\_\_

Use this section for making your trial schedule

Trial Schedule					
Name:	Monday	Tuesday	Wednesday	Thursday	Friday
7:30					
8:40					
9:50					
11:00					
1:00					
2:10					
3:20					
4:30					
Eve.					
Other					



					STUDENT
Last	First	Middle	Major	Semester	NUMBER

Local or College Address	Phone
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Dept. No.	Course No.	Sec. No.	Hours Credit	Time Hour Days	COURSE TITLE	INSTRUCTOR	Bldg. Rm.

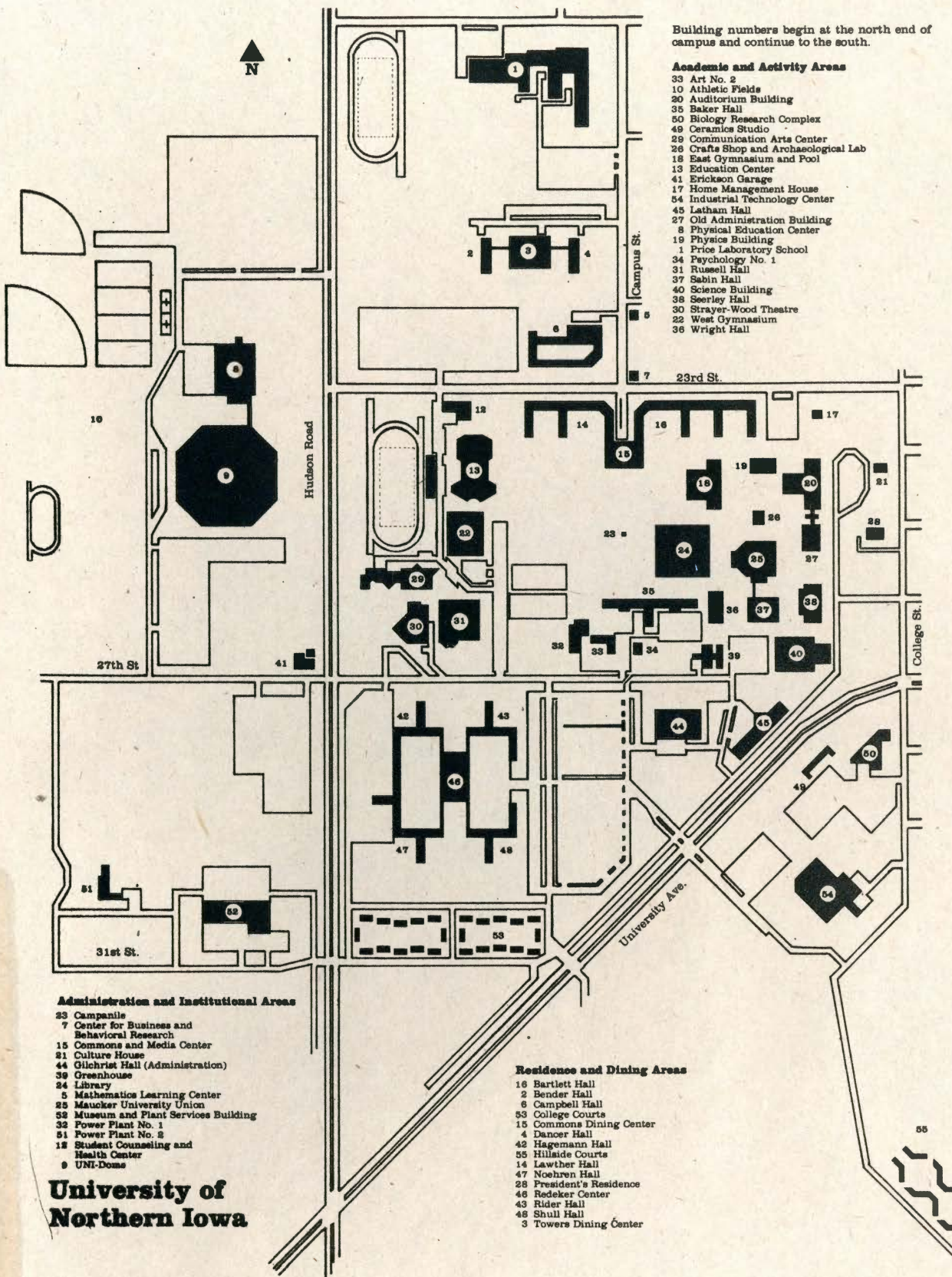
Total Hours \_\_\_\_\_

Advisor \_\_\_\_\_

Use this section for making your trial schedule

Trial Schedule					
Name:	Monday	Tuesday	Wednesday	Thursday	Friday
7:30					
8:40					
9:50					
11:00					
1:00					
2:10					
3:20					
4:30					
Eve.					
Other					





Building numbers begin at the north end of campus and continue to the south.

#### Academic and Activity Areas

- 33 Art No. 2
- 10 Athletic Fields
- 20 Auditorium Building
- 35 Baker Hall
- 50 Biology Research Complex
- 46 Ceramics Studio
- 29 Communication Arts Center
- 26 Crafts Shop and Archaeological Lab
- 18 East Gymnasium and Pool
- 13 Education Center
- 41 Erickson Garage
- 17 Home Management House
- 54 Industrial Technology Center
- 45 Latham Hall
- 27 Old Administration Building
- 8 Physical Education Center
- 19 Physics Building
- 1 Price Laboratory School
- 34 Psychology No. 1
- 31 Russell Hall
- 37 Sabin Hall
- 40 Science Building
- 38 Seerley Hall
- 30 Strayer-Wood Theatre
- 22 West Gymnasium
- 36 Wright Hall

#### Administration and Institutional Areas

- 23 Campanile
- 7 Center for Business and Behavioral Research
- 15 Commons and Media Center
- 21 Culture House
- 44 Gilchrist Hall (Administration)
- 39 Greenhouse
- 24 Library
- 5 Mathematics Learning Center
- 25 Maucker University Union
- 52 Museum and Plant Services Building
- 32 Power Plant No. 1
- 51 Power Plant No. 2
- 18 Student Counseling and Health Center
- 9 UNI-Dome

#### Residence and Dining Areas

- 16 Bartlett Hall
- 2 Bender Hall
- 6 Campbell Hall
- 53 College Courts
- 15 Commons Dining Center
- 4 Dancer Hall
- 42 Hagemann Hall
- 55 Hillside Courts
- 14 Lawther Hall
- 47 Neehren Hall
- 28 President's Residence
- 46 Redeker Center
- 43 Rider Hall
- 48 Shull Hall
- 3 Towers Dining Center

**University of  
Northern Iowa**



